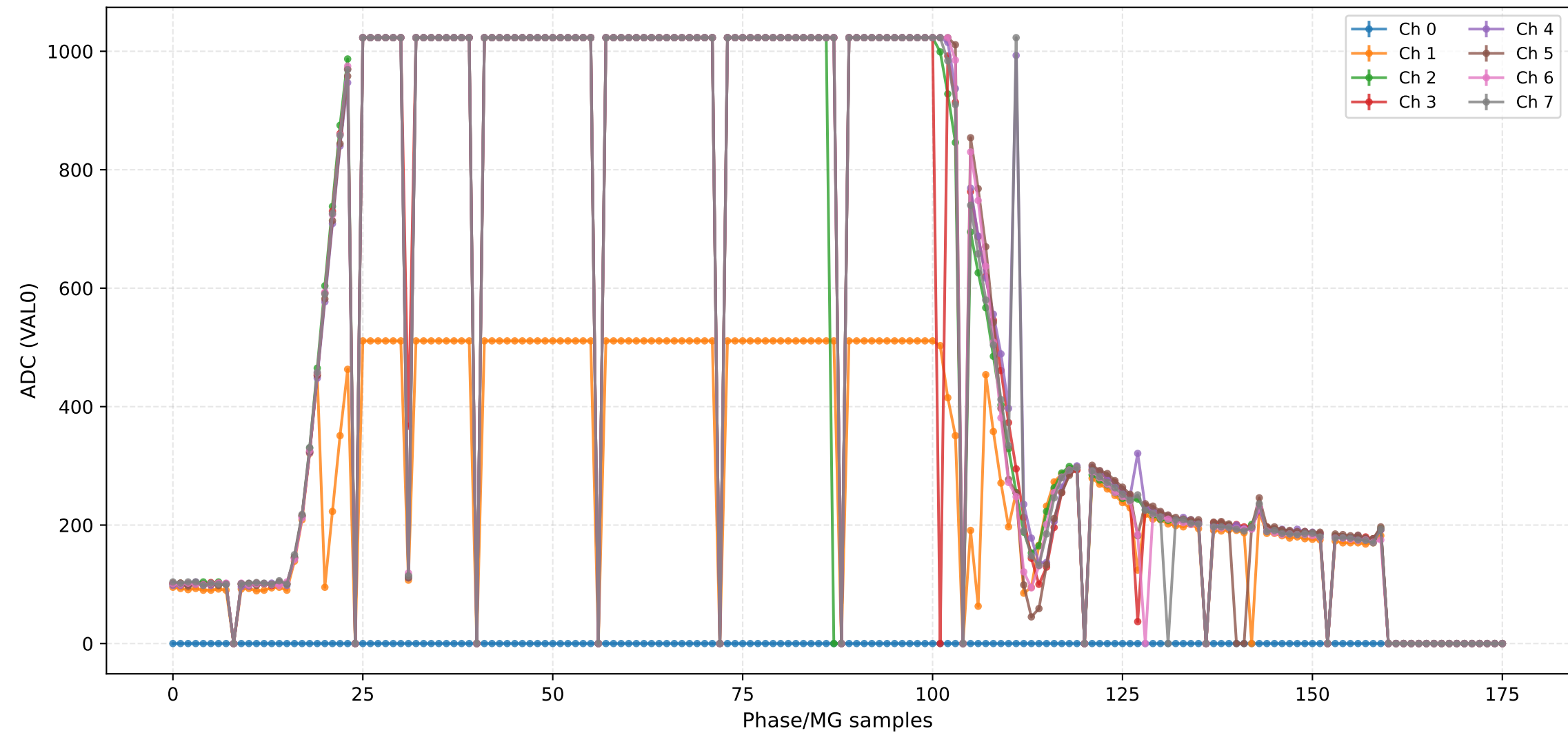
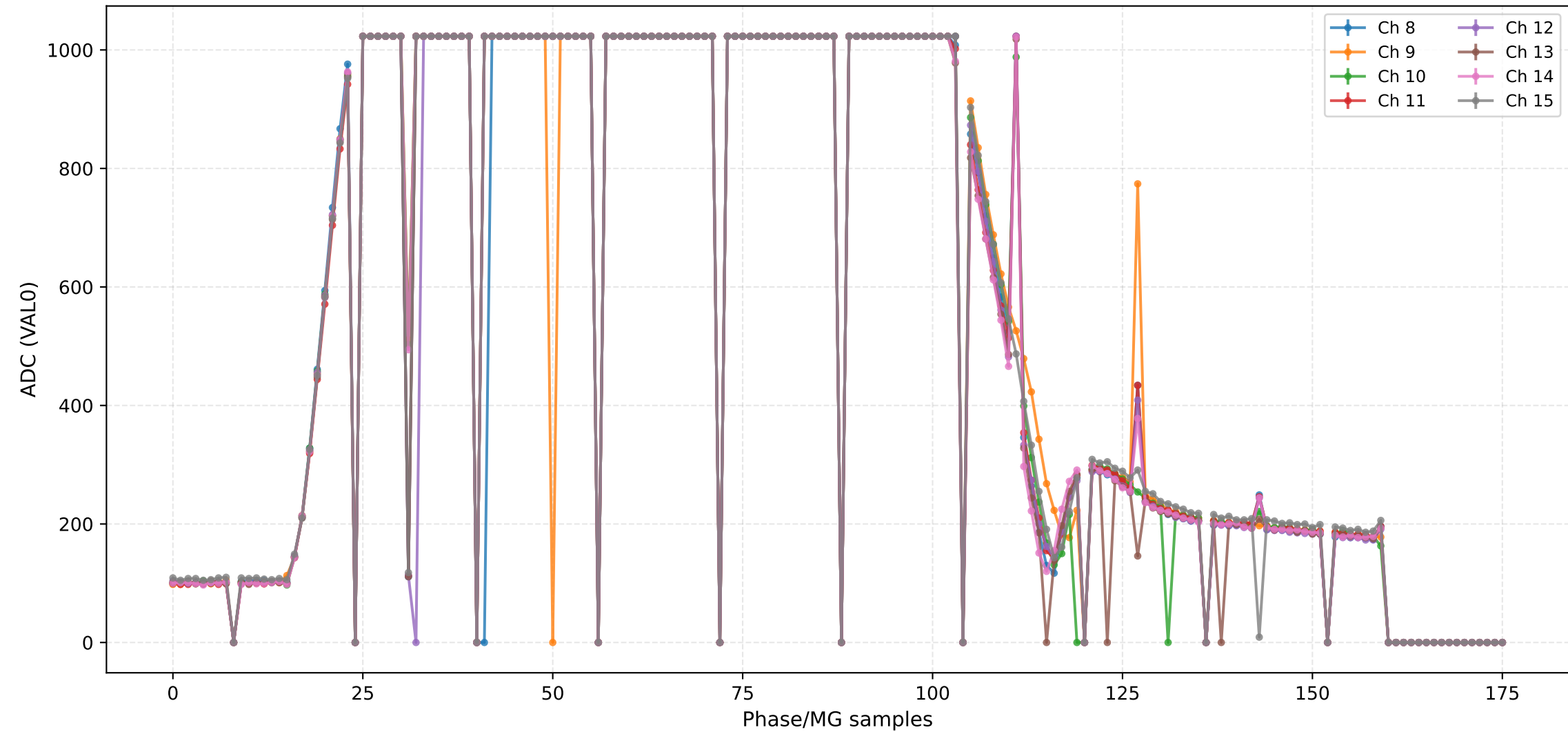


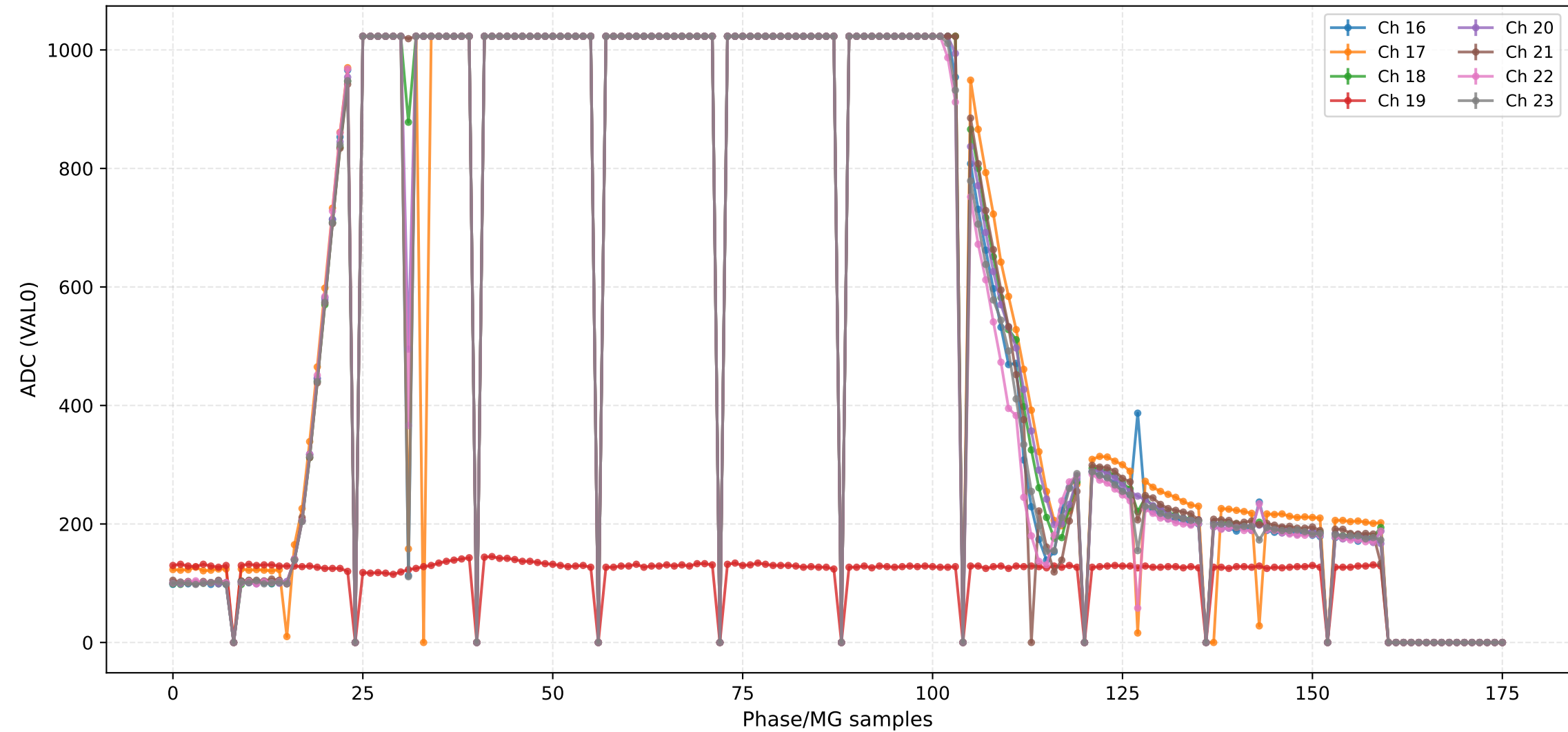
ADC (VAL0) - Channels 0 to 7



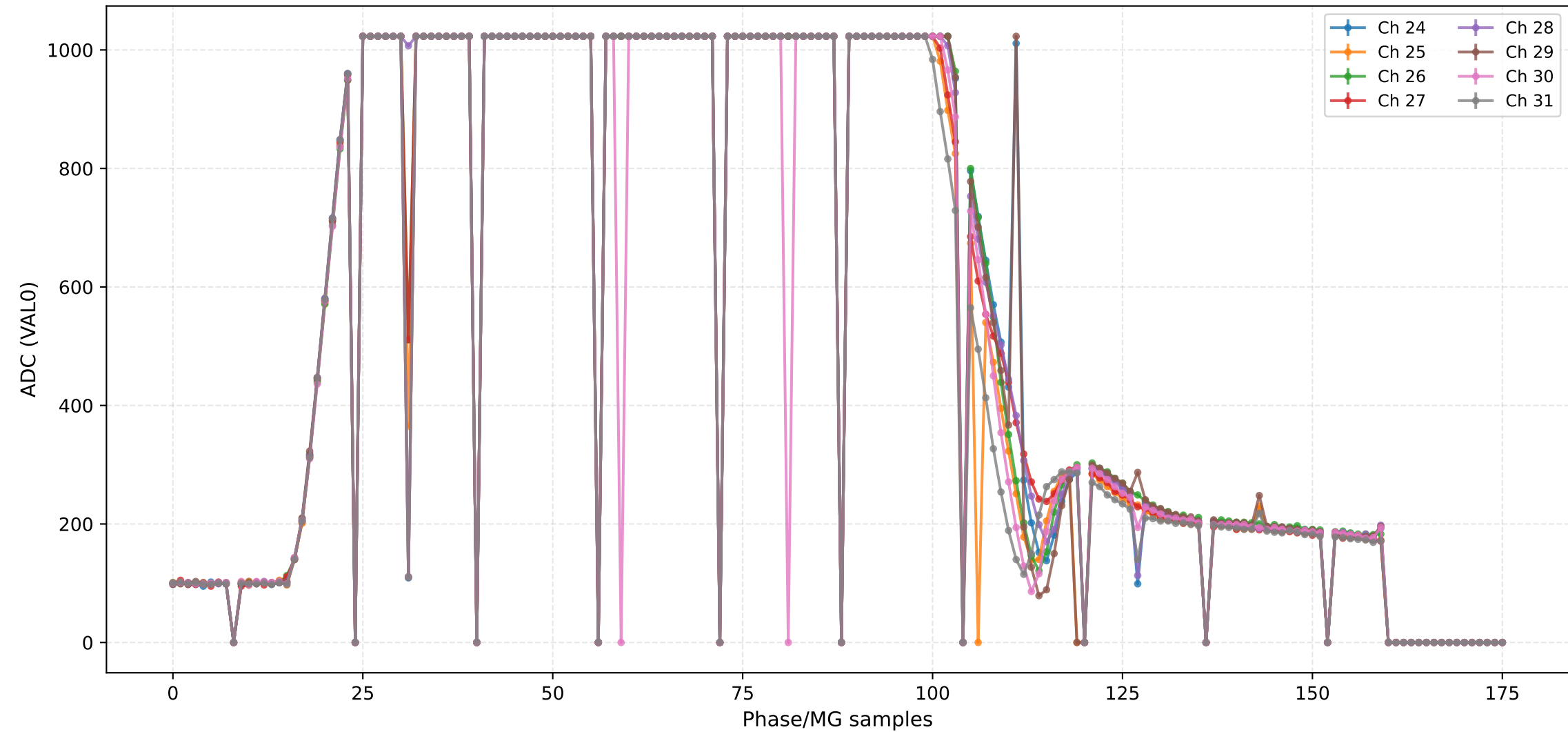
### ADC (VAL0) - Channels 8 to 15



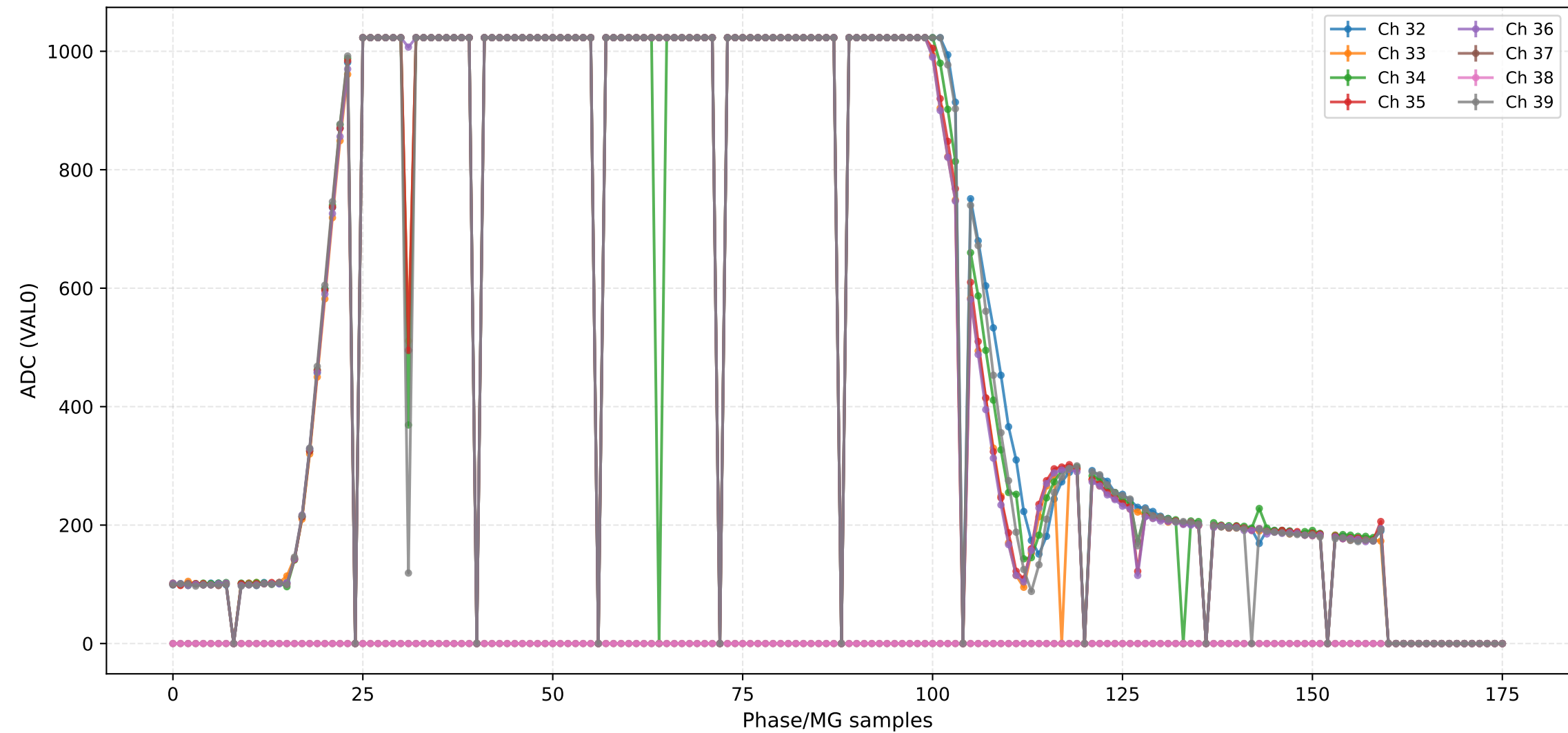
## ADC (VAL0) - Channels 16 to 23



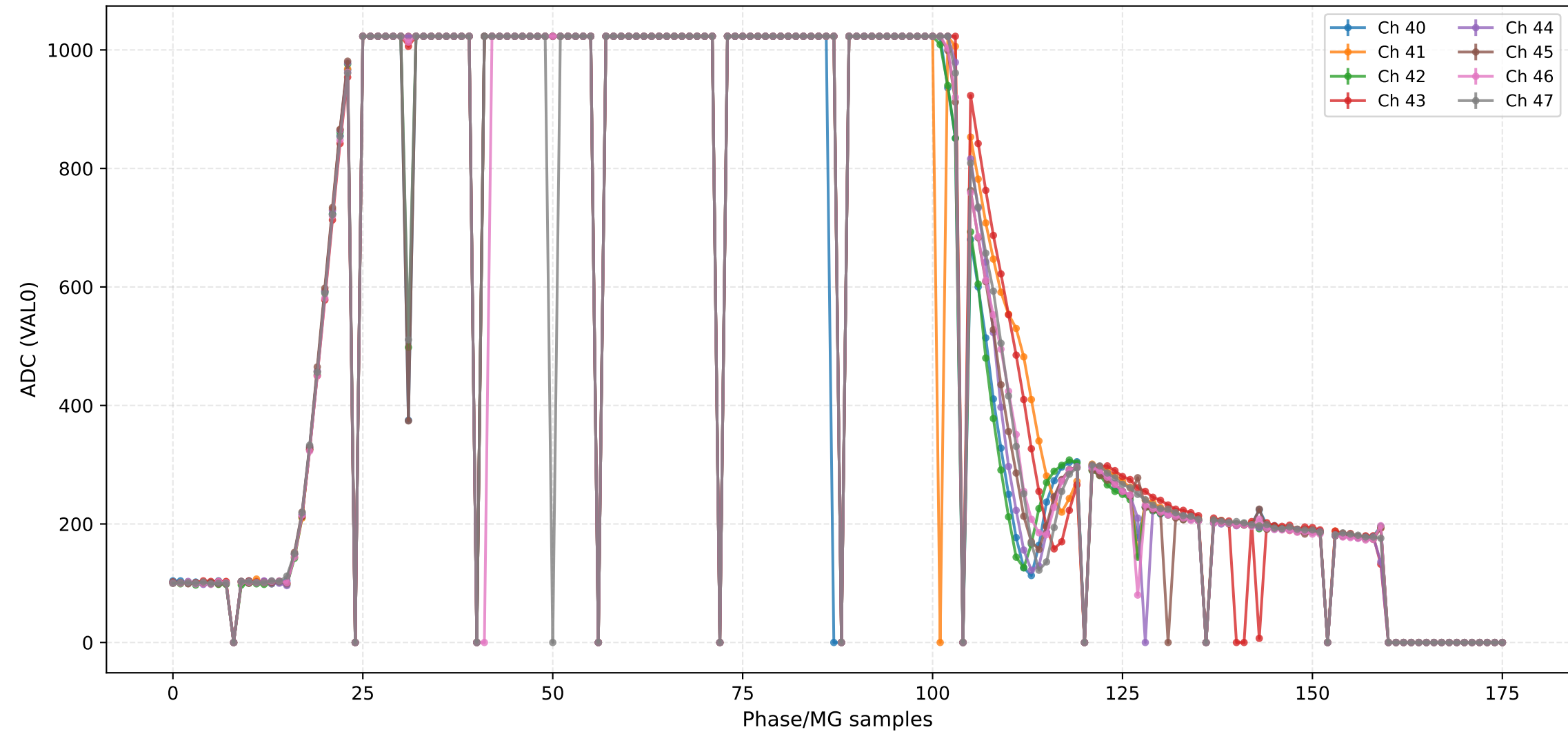
### ADC (VAL0) - Channels 24 to 31



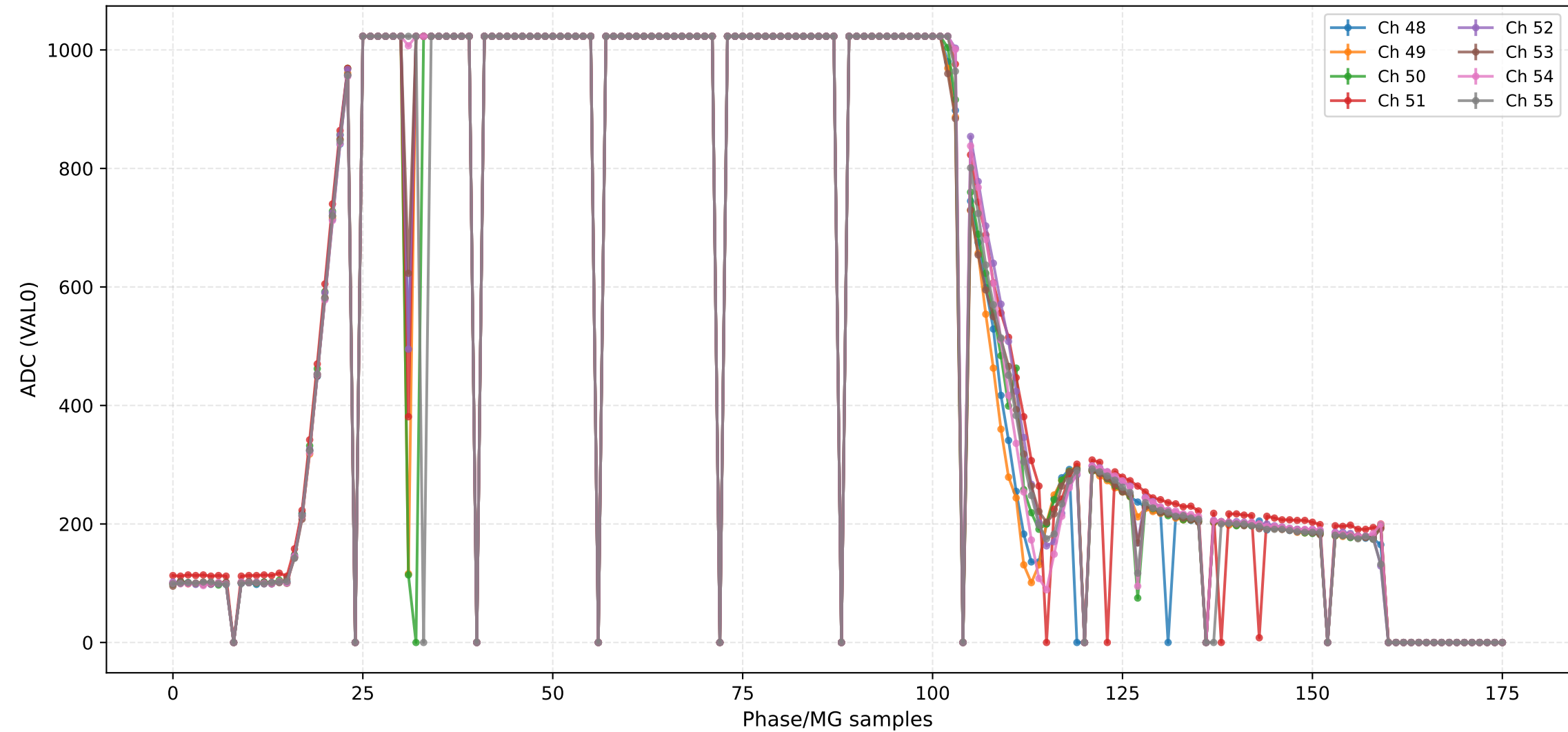
## ADC (VAL0) - Channels 32 to 39



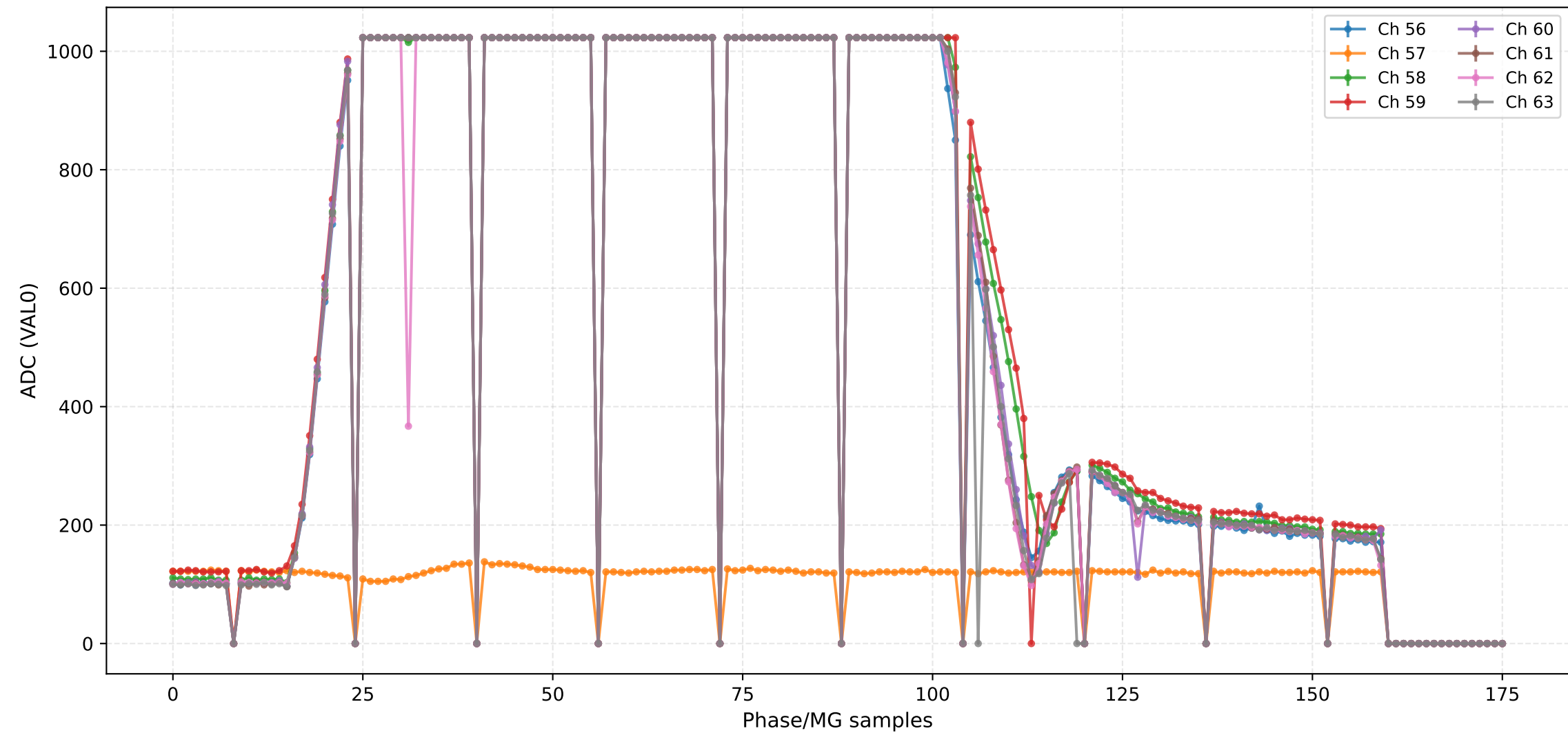
## ADC (VAL0) - Channels 40 to 47



ADC (VAL0) - Channels 48 to 55

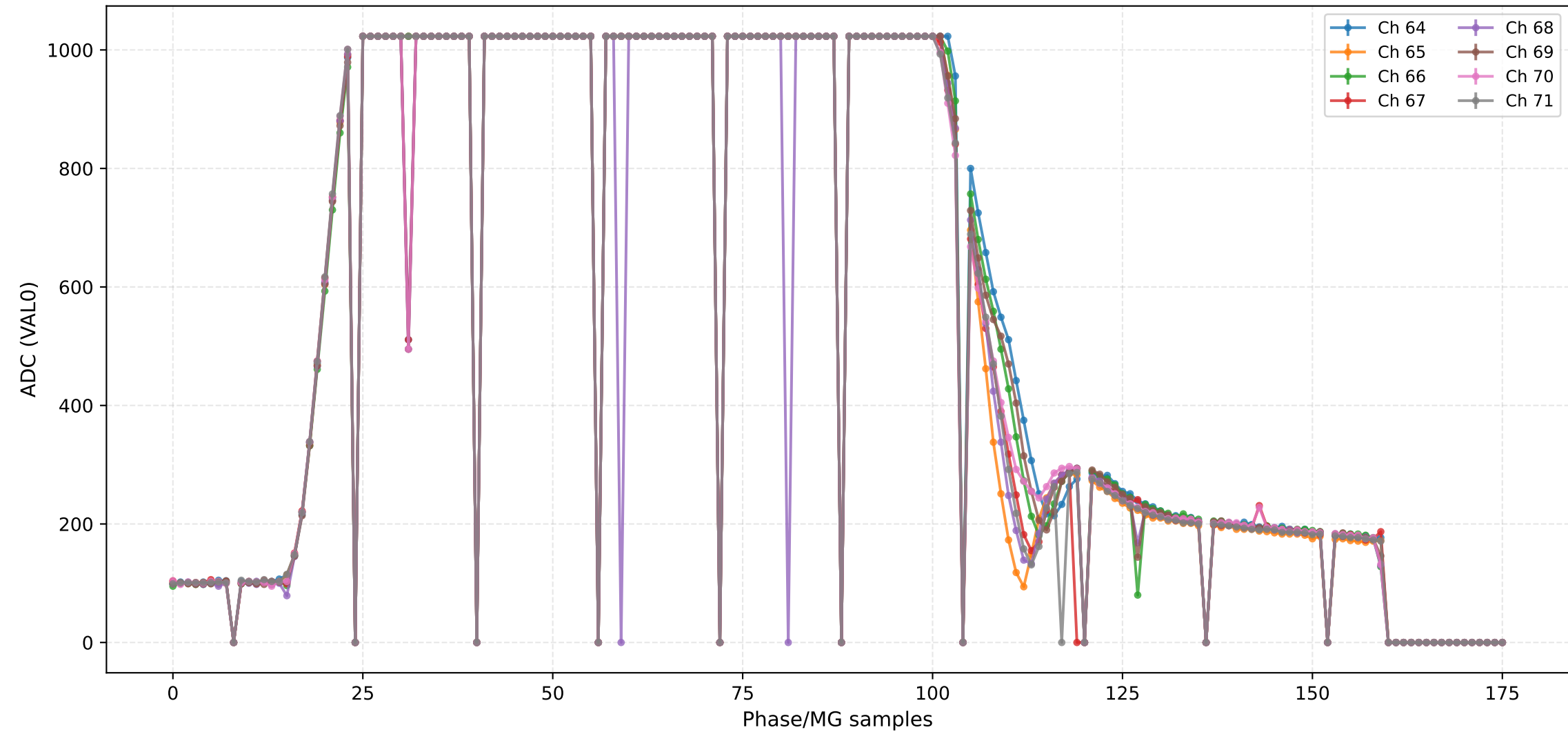


## ADC (VAL0) - Channels 56 to 63

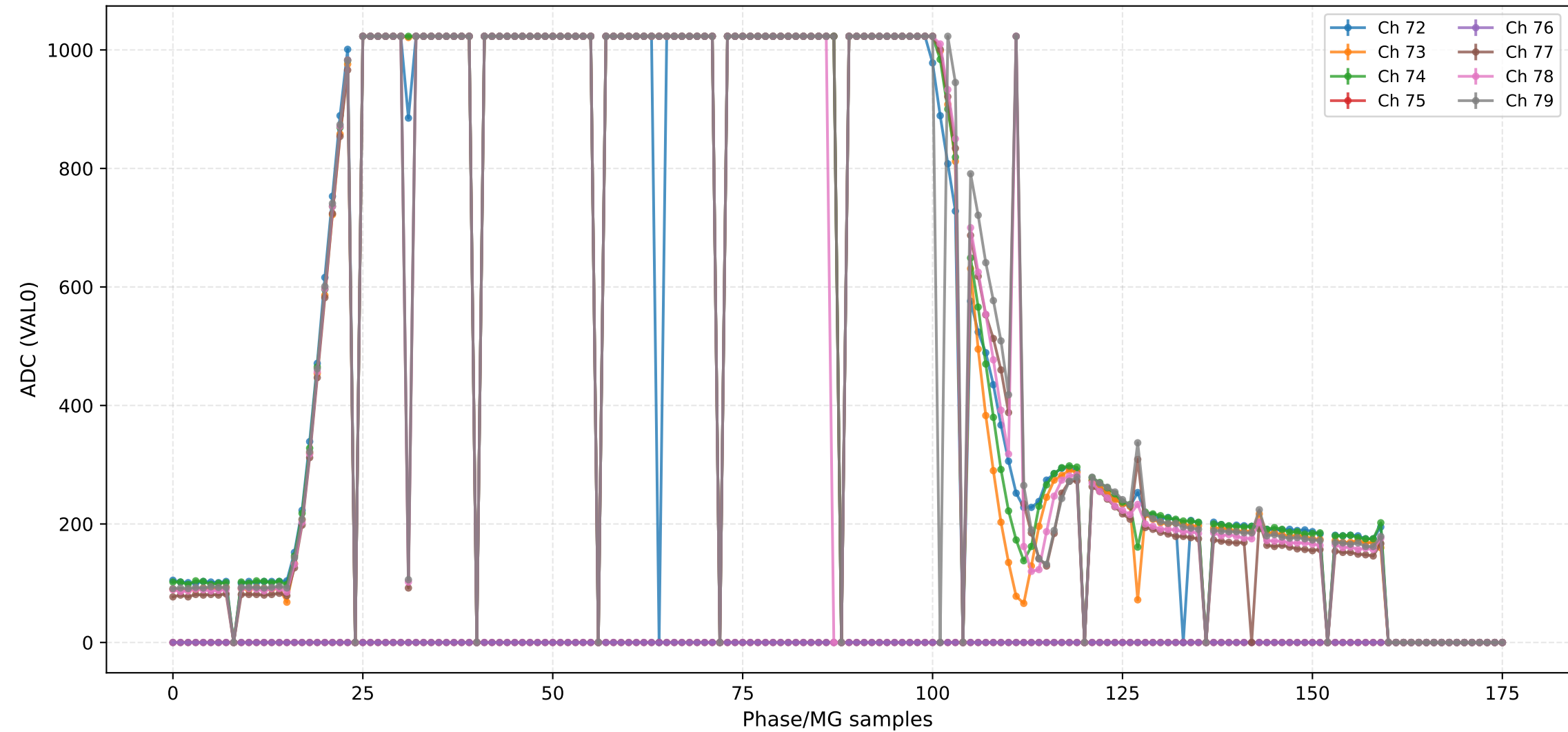




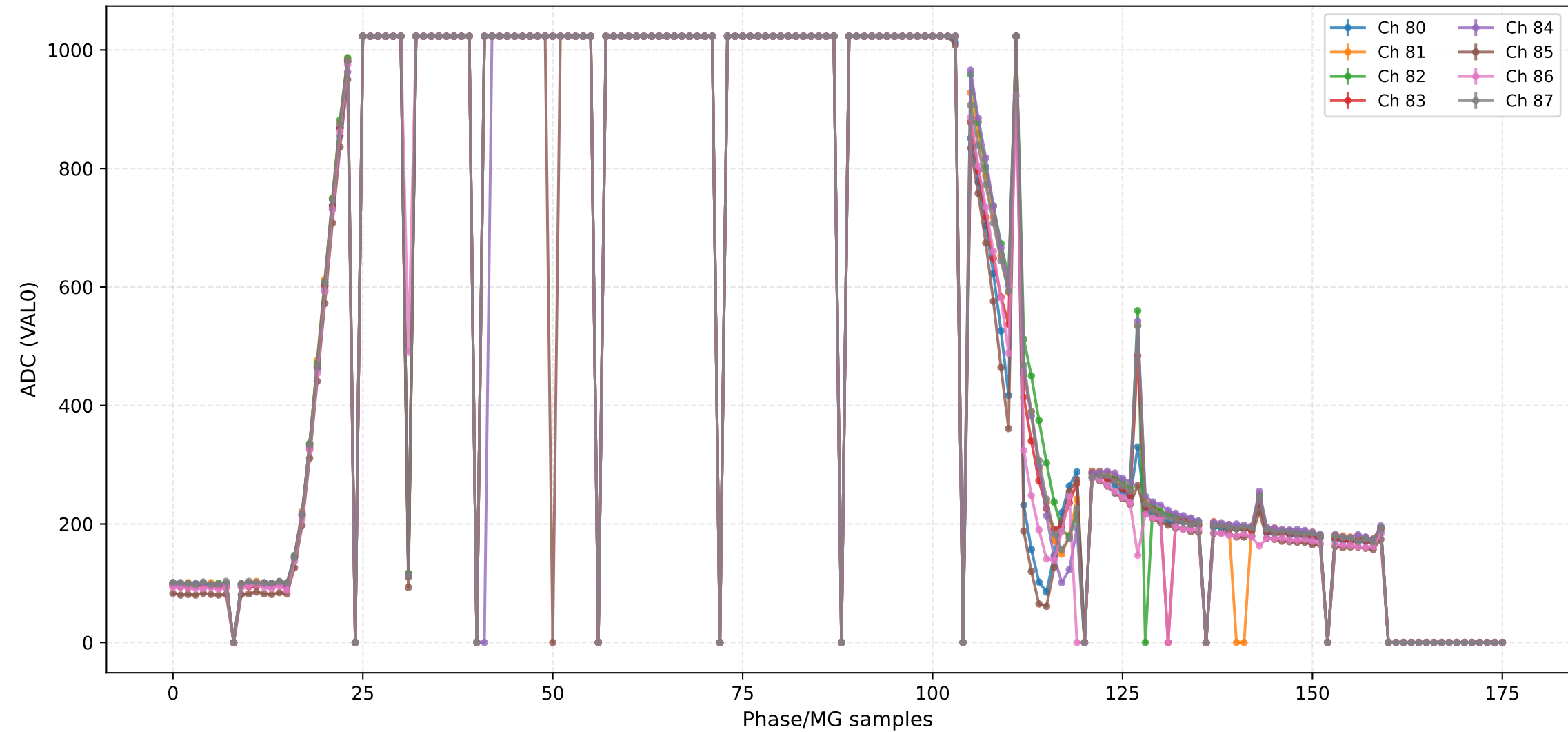
## ADC (VAL0) - Channels 64 to 71



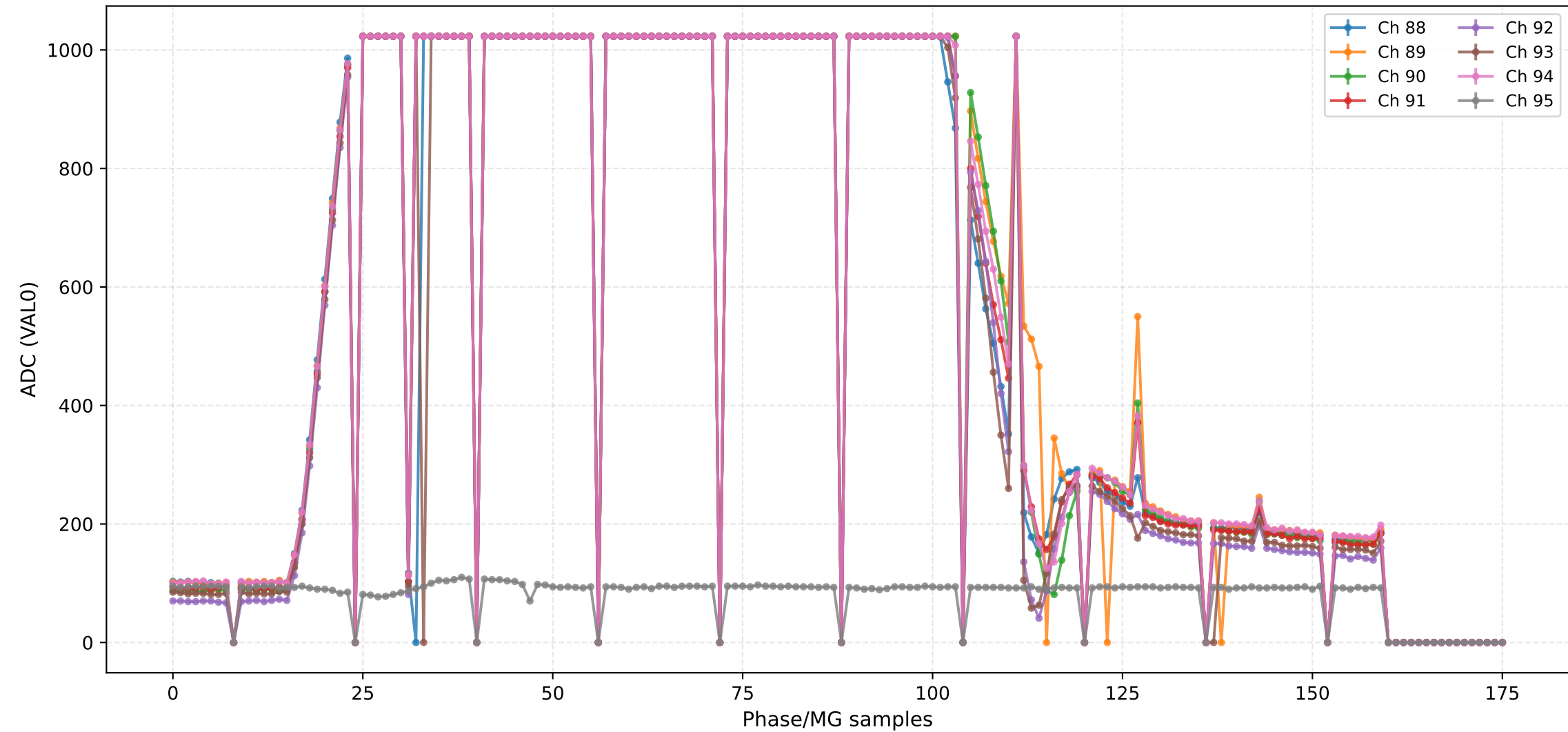
ADC (VAL0) - Channels 72 to 79



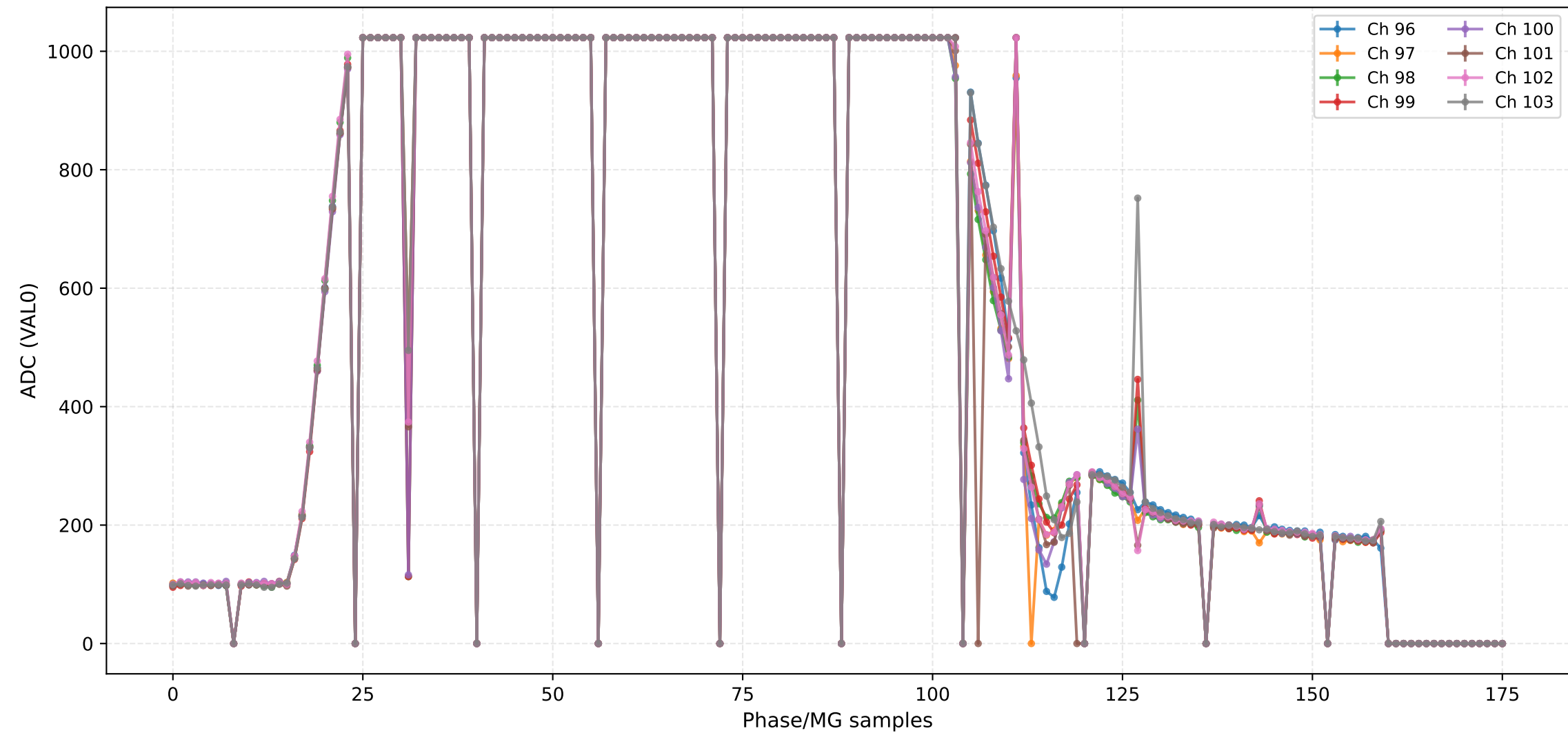
## ADC (VAL0) - Channels 80 to 87



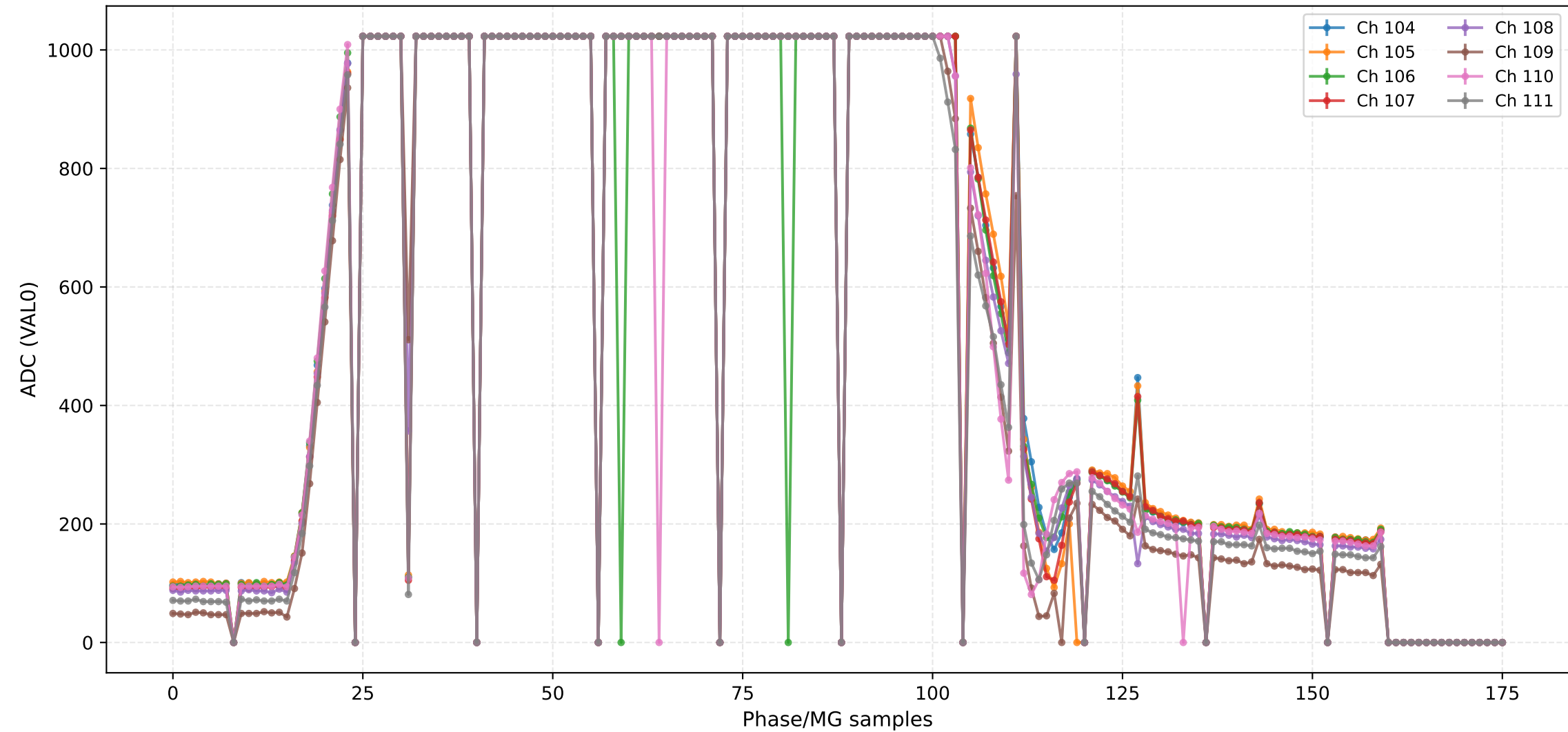
ADC (VAL0) - Channels 88 to 95



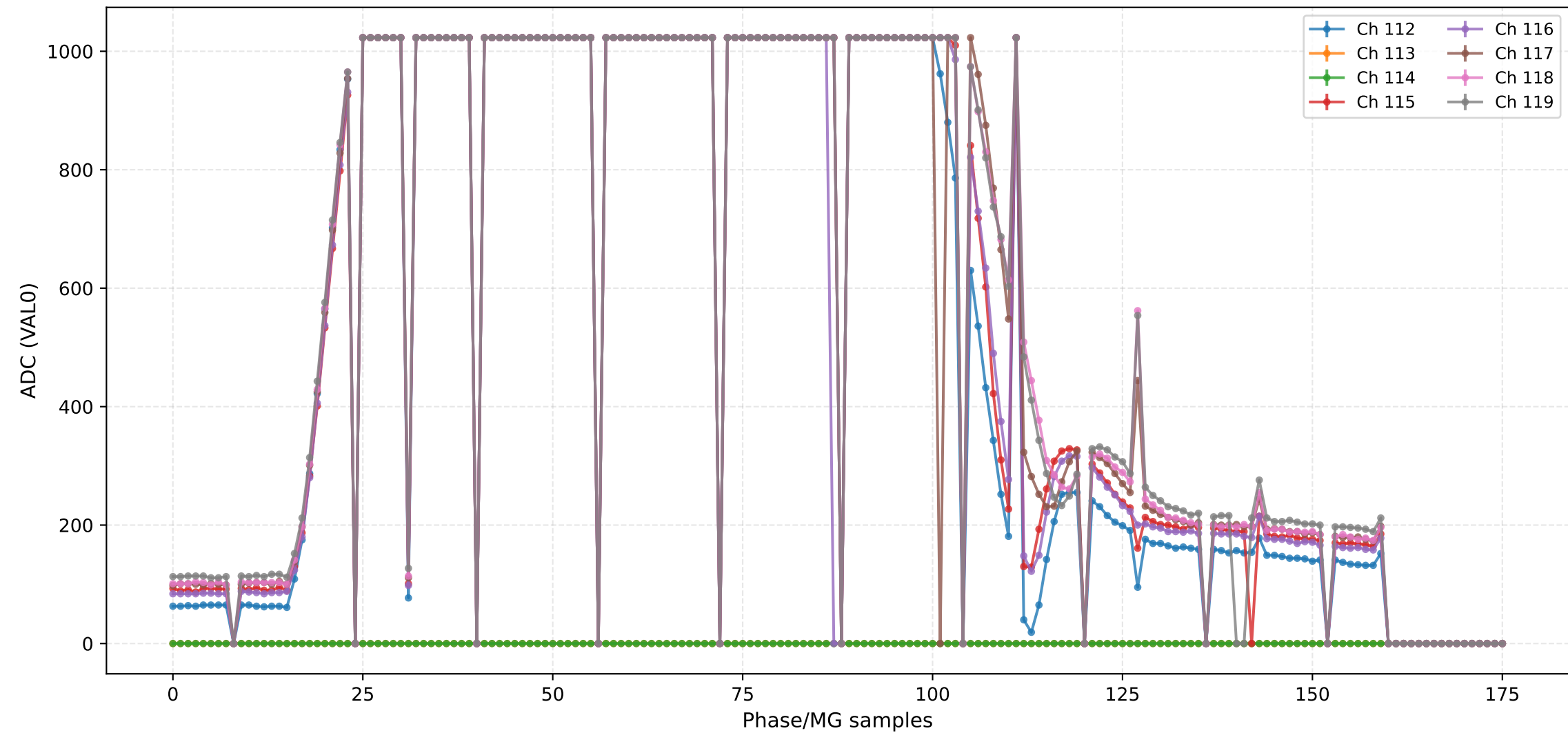
### ADC (VAL0) - Channels 96 to 103



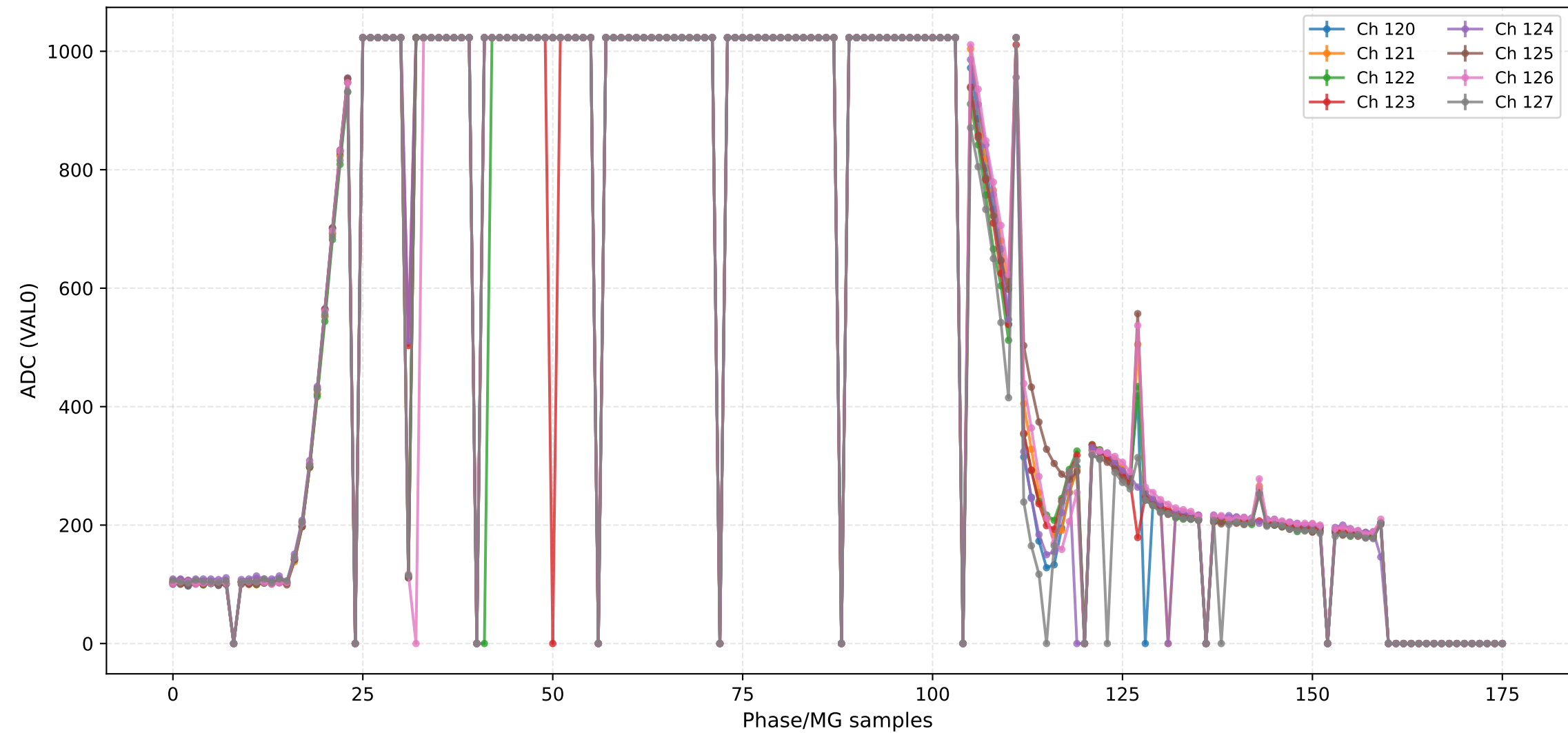
## ADC (VAL0) - Channels 104 to 111



## ADC (VAL0) - Channels 112 to 119

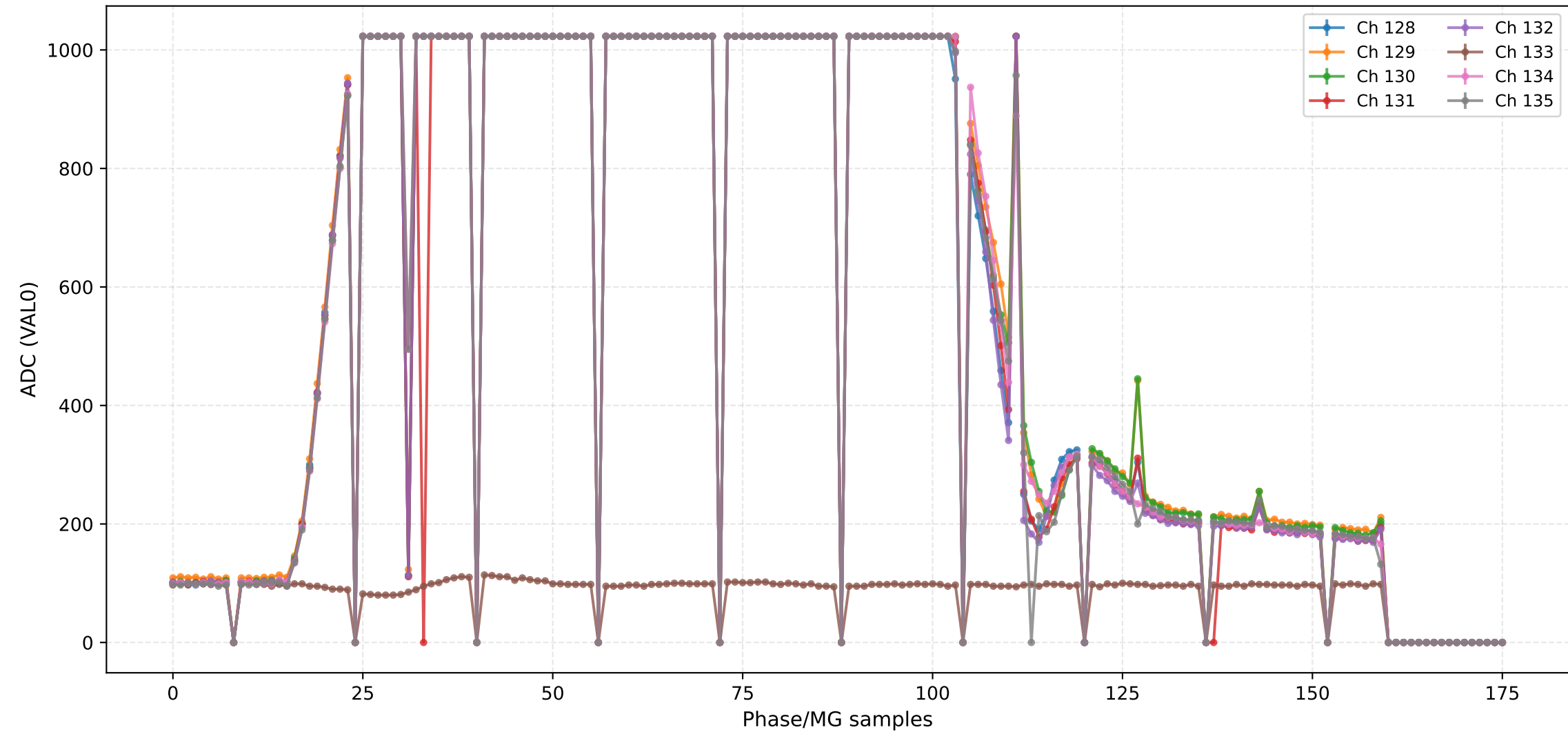


## ADC (VAL0) - Channels 120 to 127

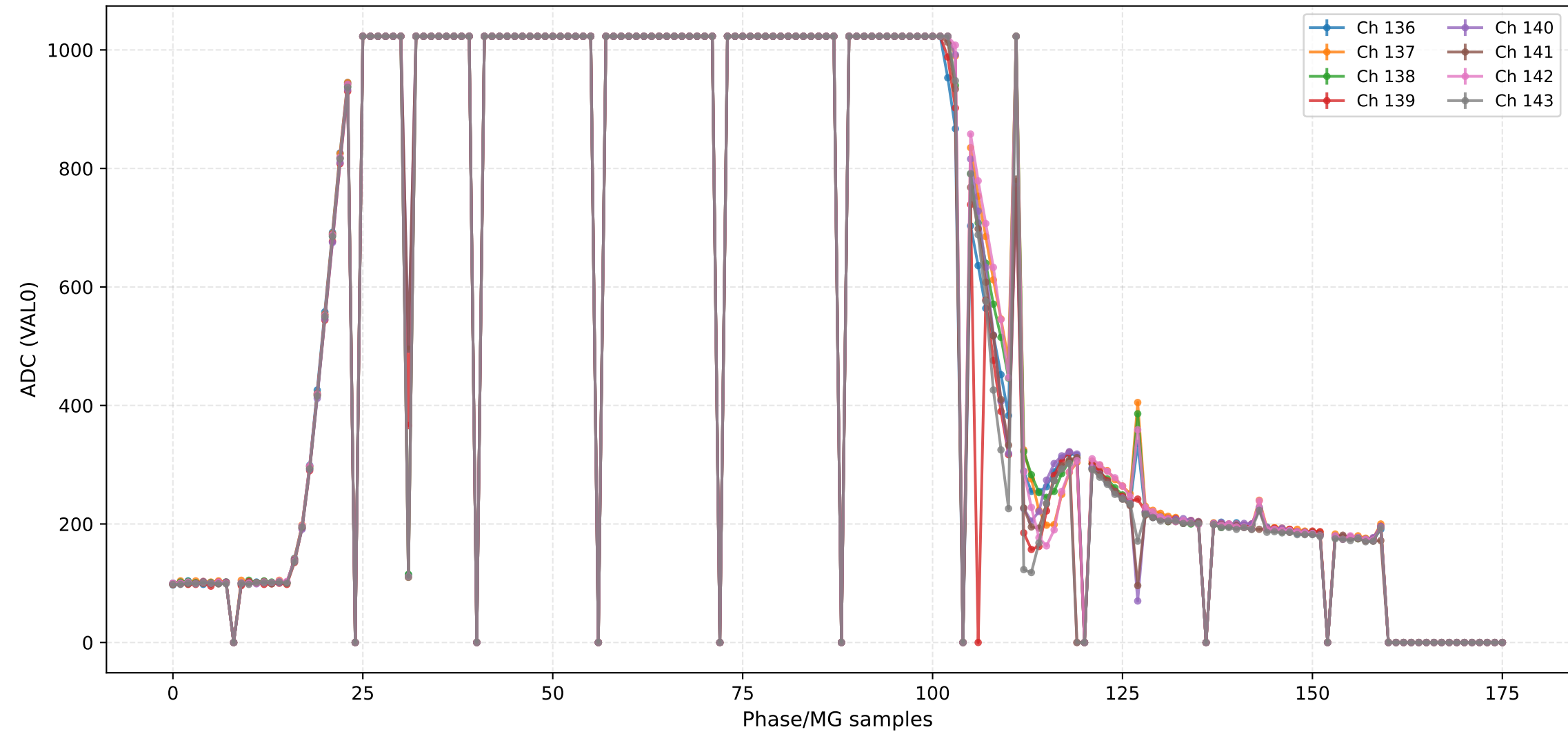




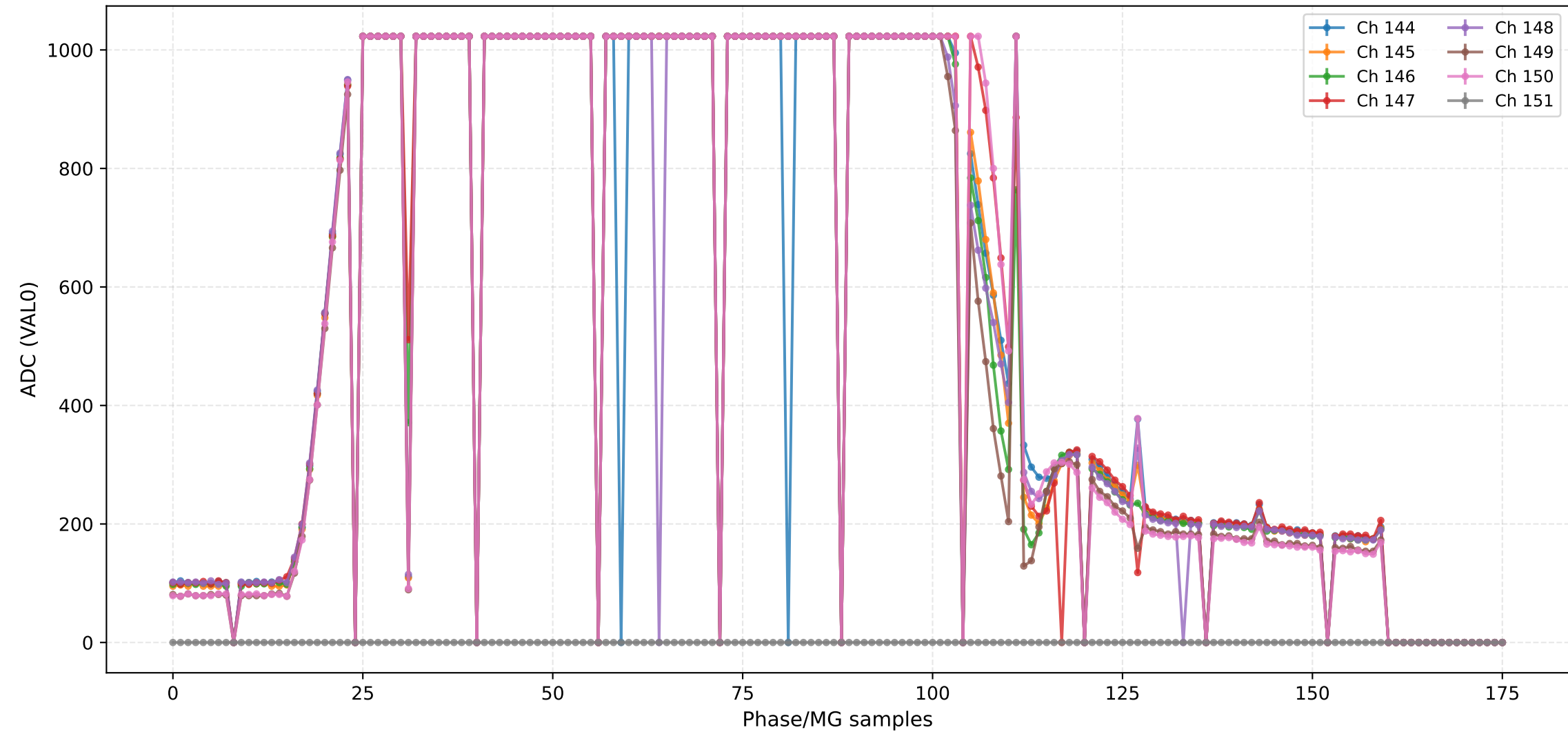
### ADC (VAL0) - Channels 128 to 135



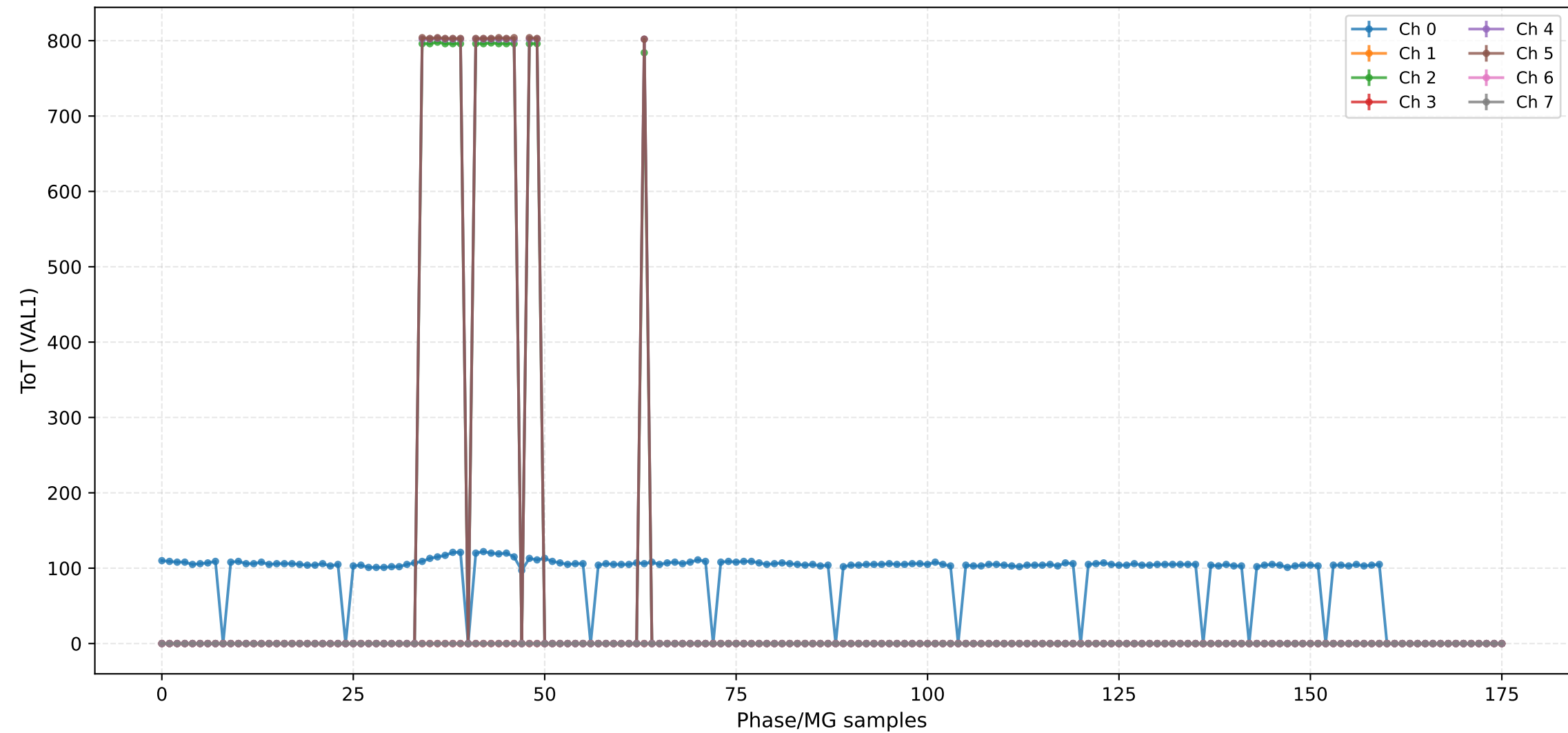
### ADC (VAL0) - Channels 136 to 143



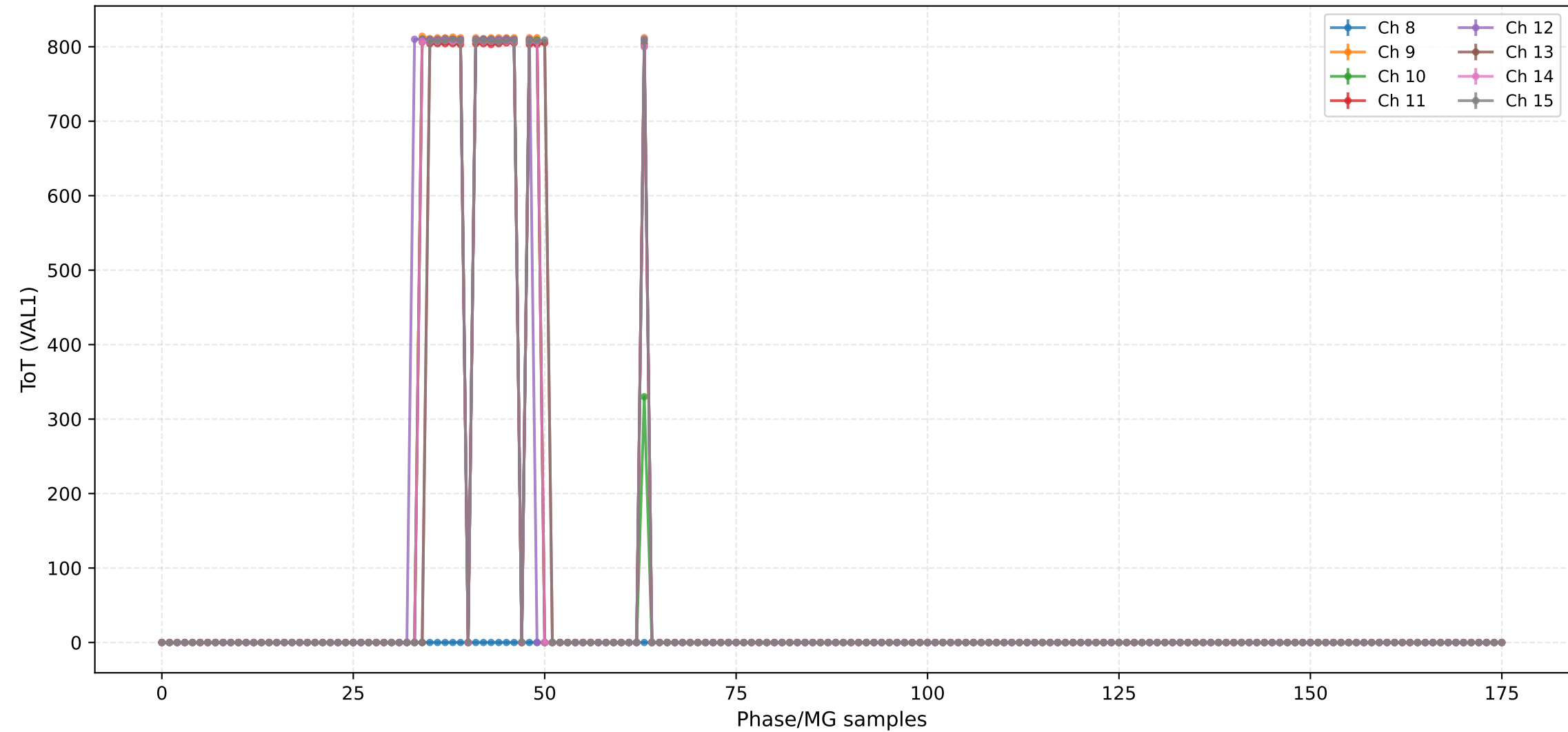
### ADC (VAL0) - Channels 144 to 151



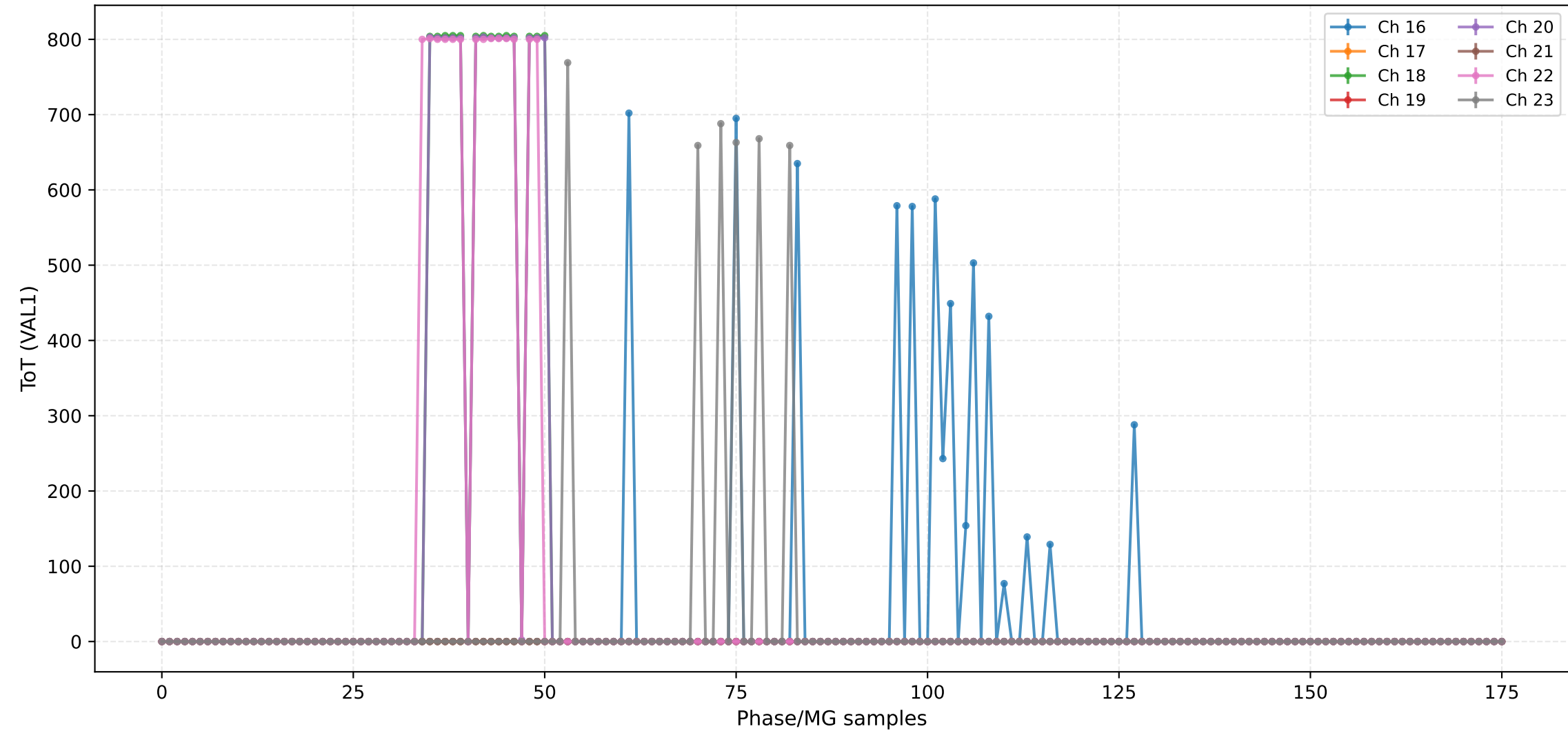
ToT (VAL1) - Channels 0 to 7



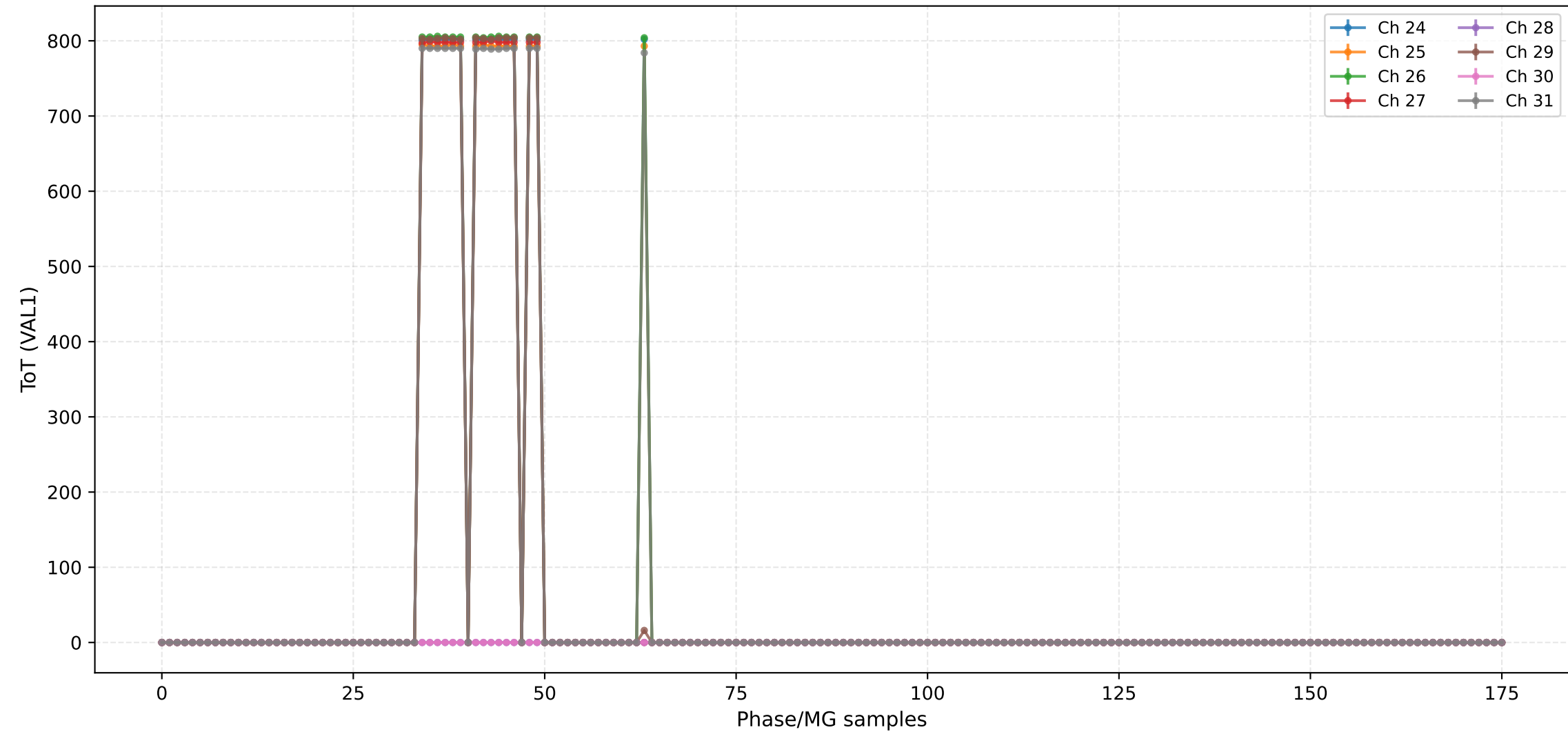
ToT (VAL1) - Channels 8 to 15



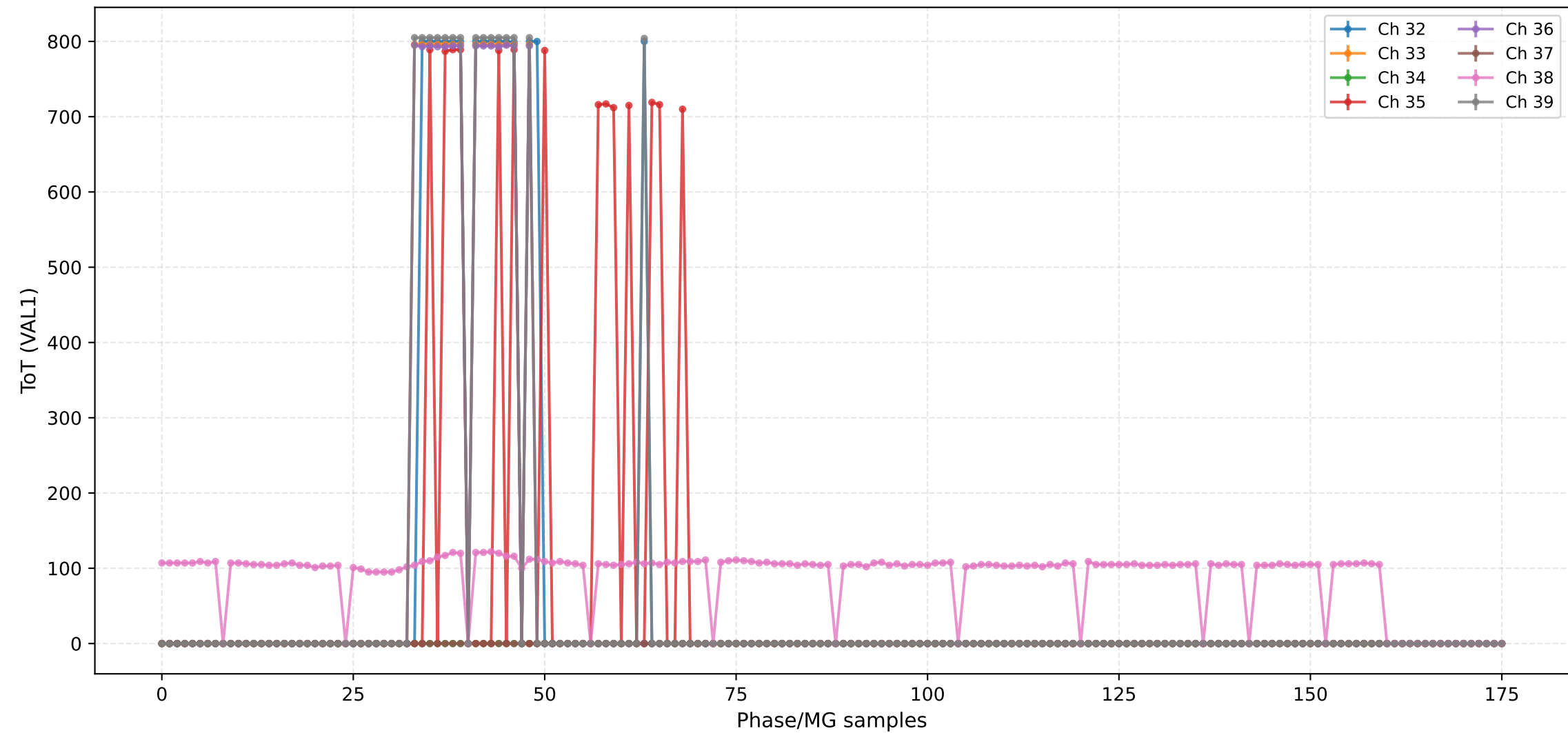
## ToT (VAL1) - Channels 16 to 23



## ToT (VAL1) - Channels 24 to 31

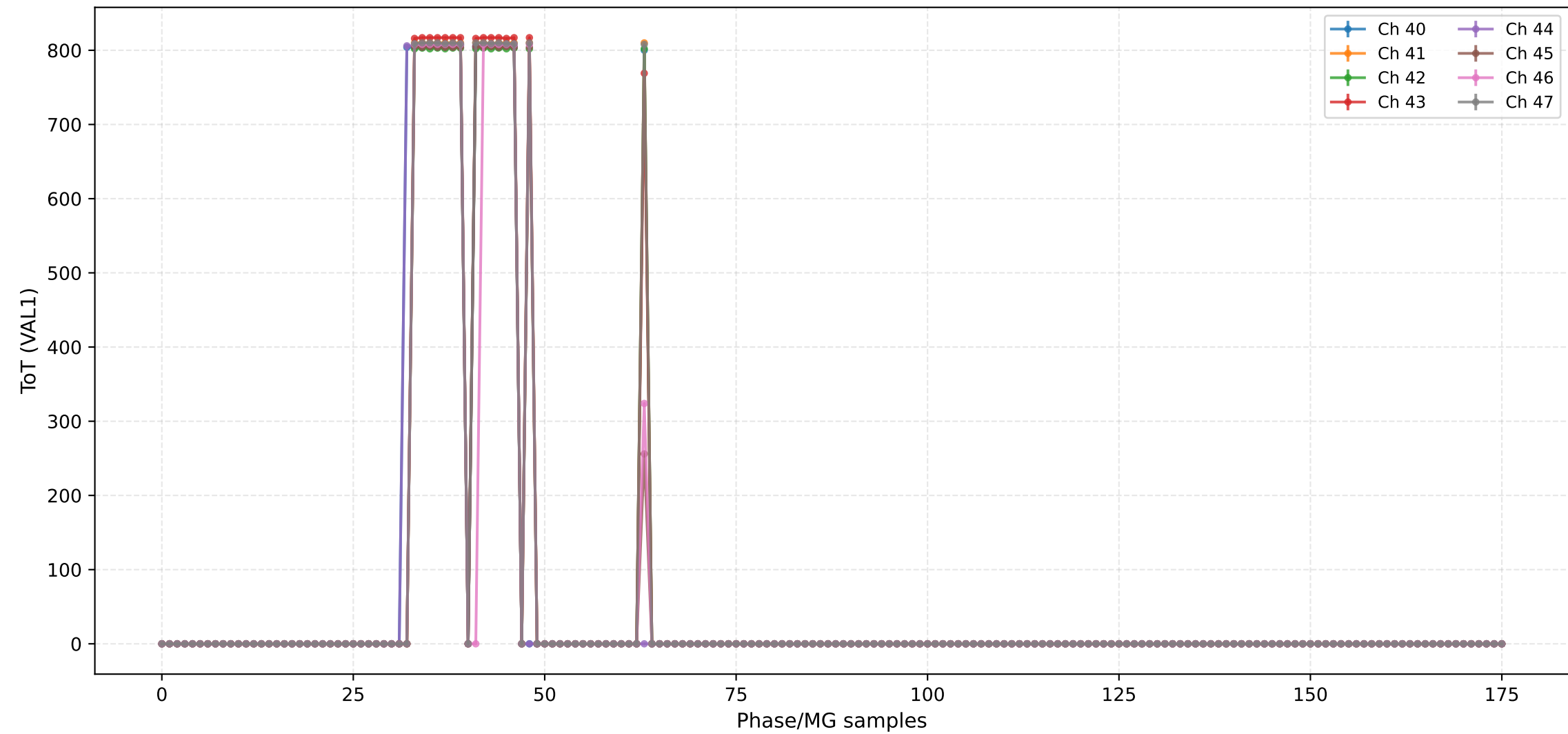


ToT (VAL1) - Channels 32 to 39

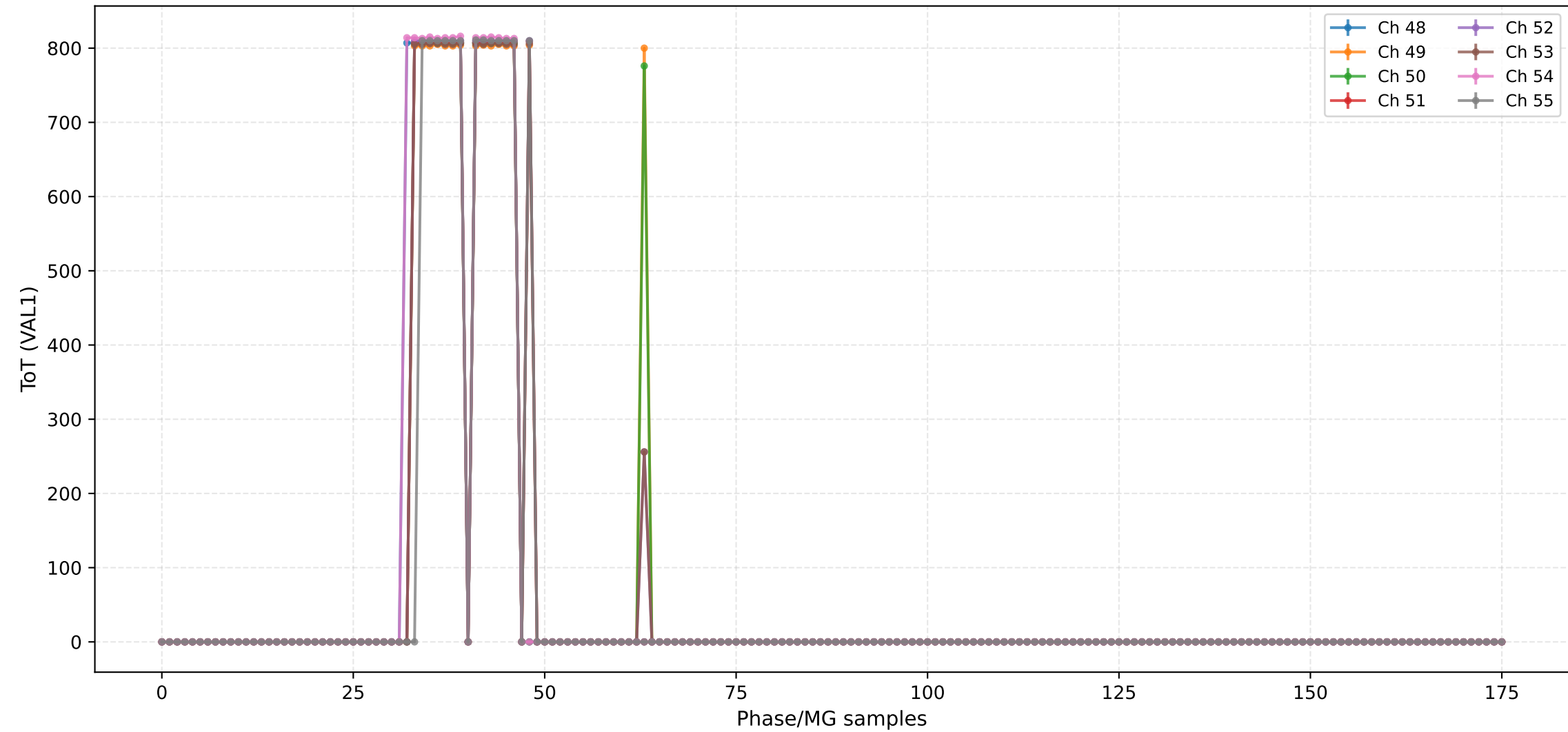




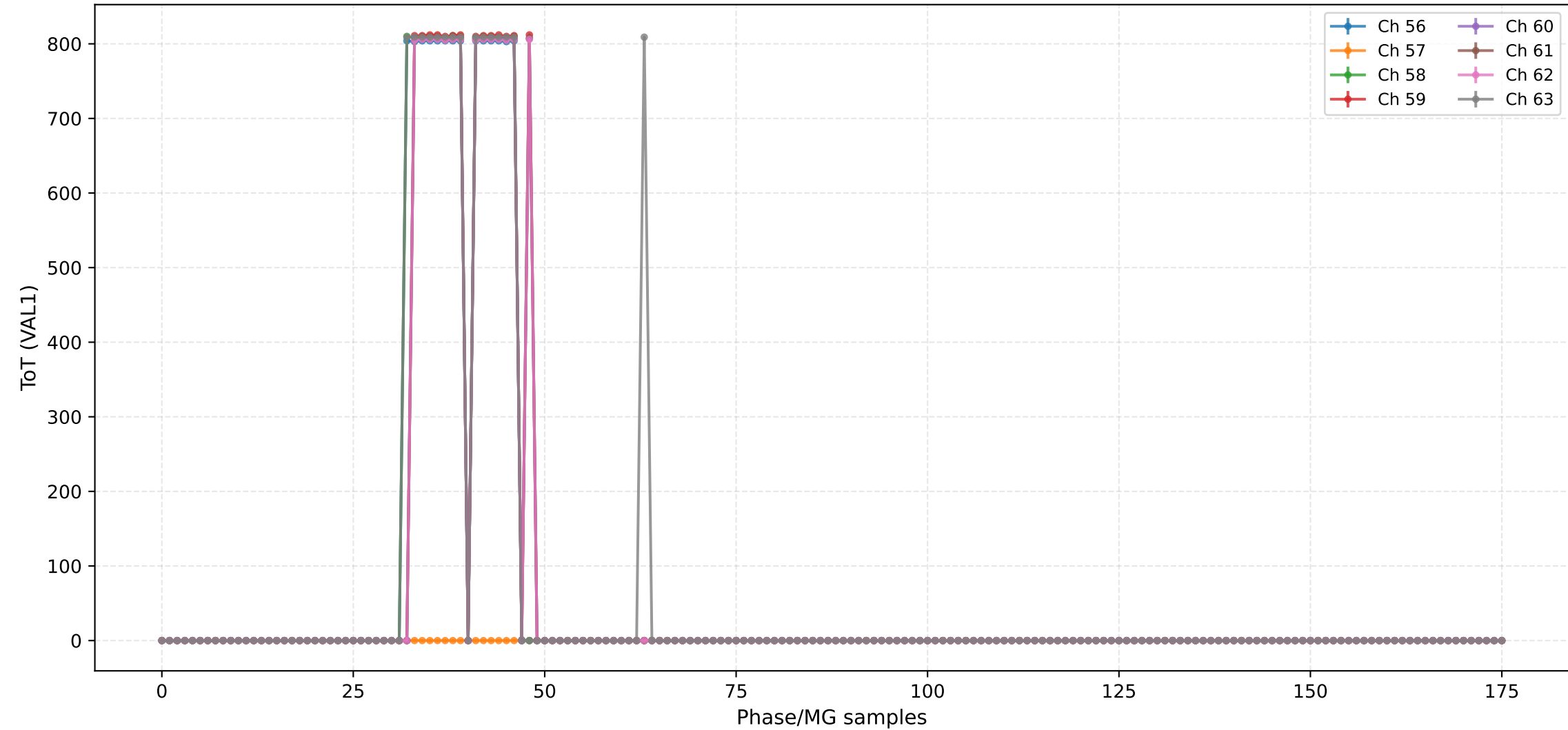
ToT (VAL1) - Channels 40 to 47



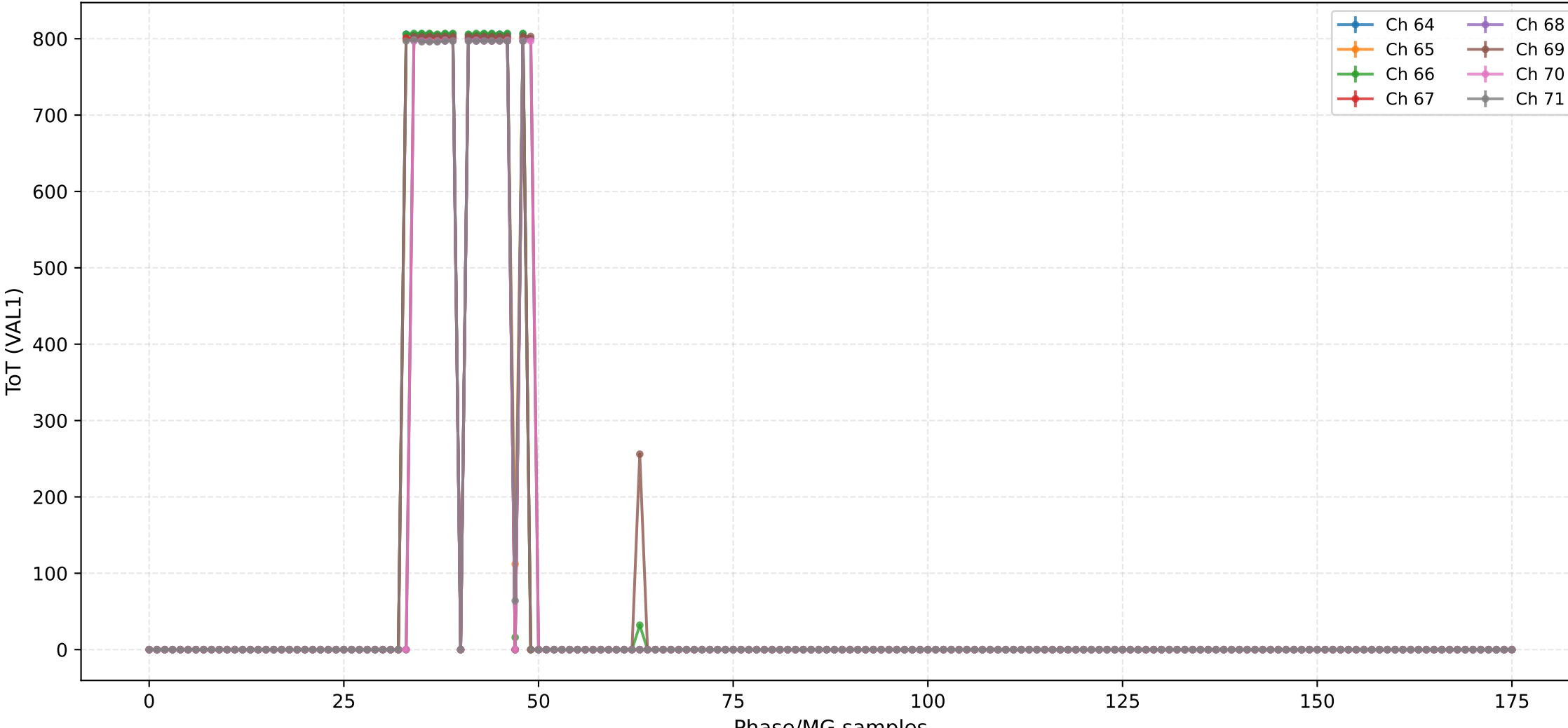
## ToT (VAL1) - Channels 48 to 55



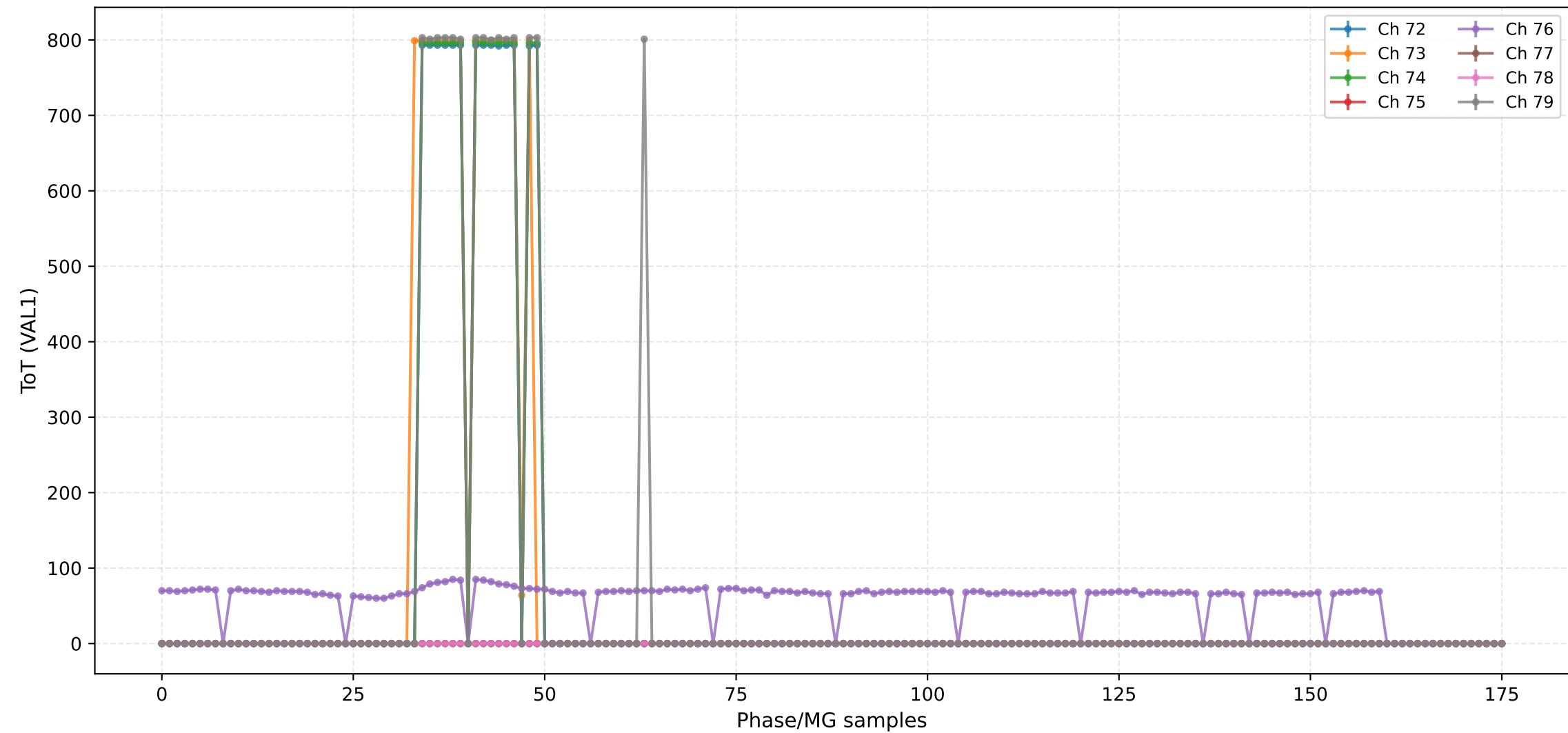
ToT (VAL1) - Channels 56 to 63



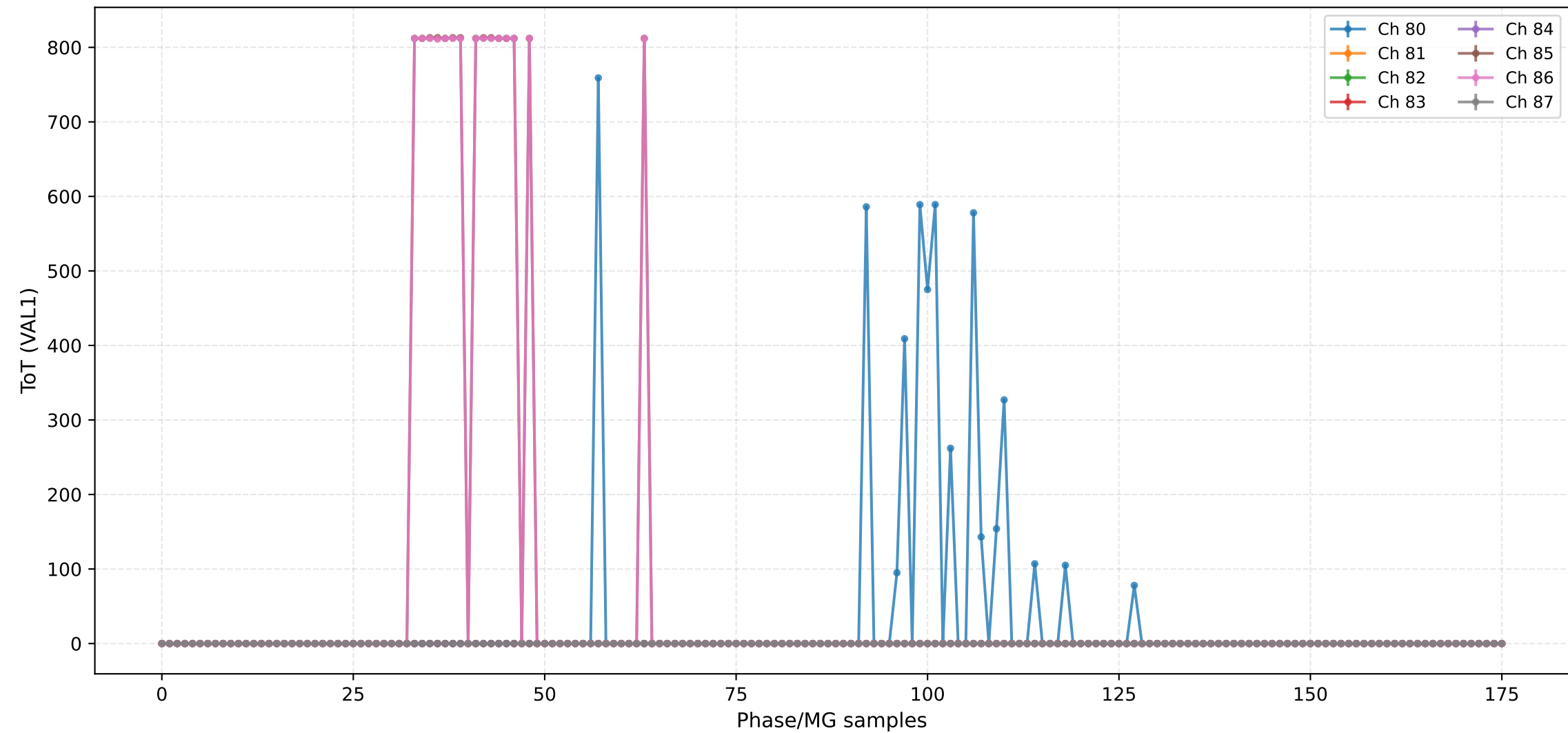
## ToT (VAL1) - Channels 64 to 71



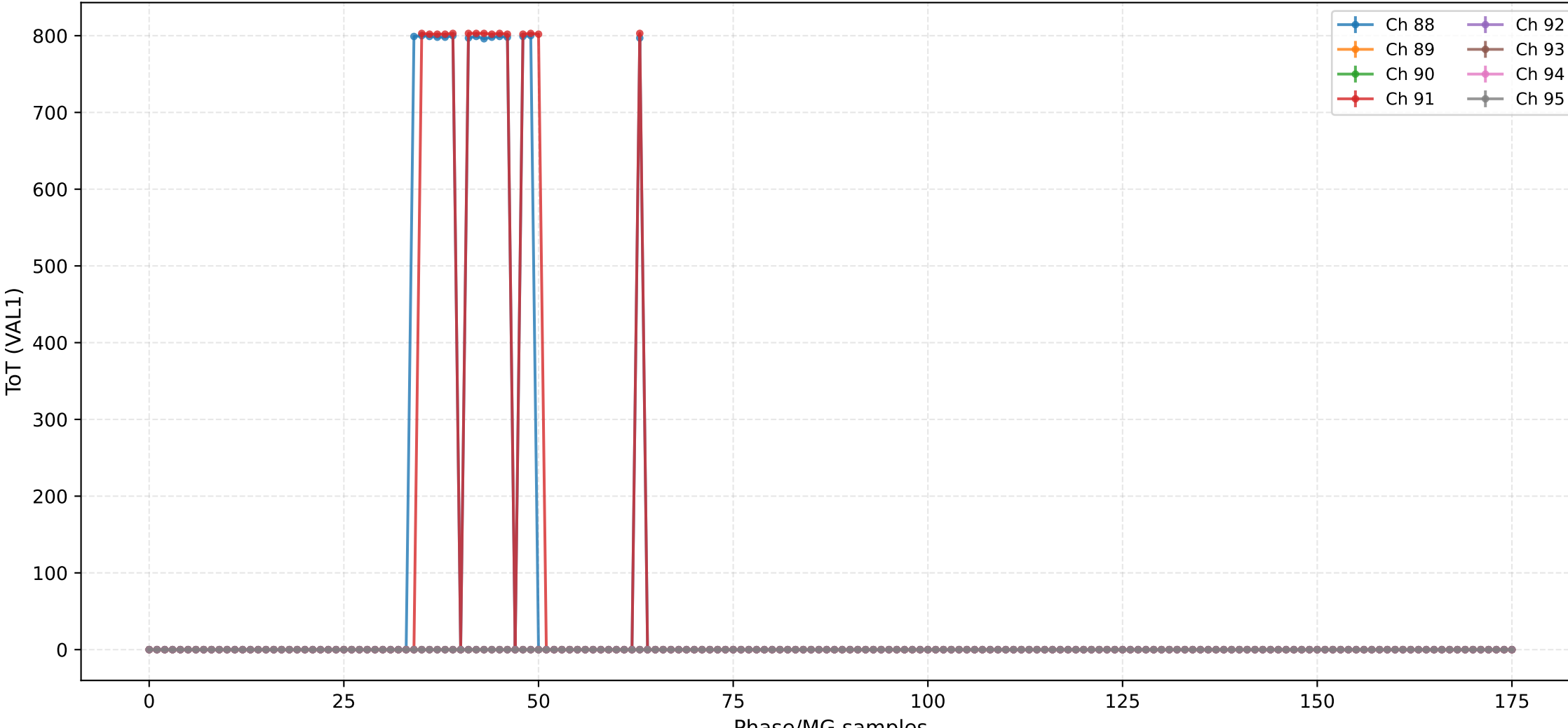
ToT (VAL1) - Channels 72 to 79



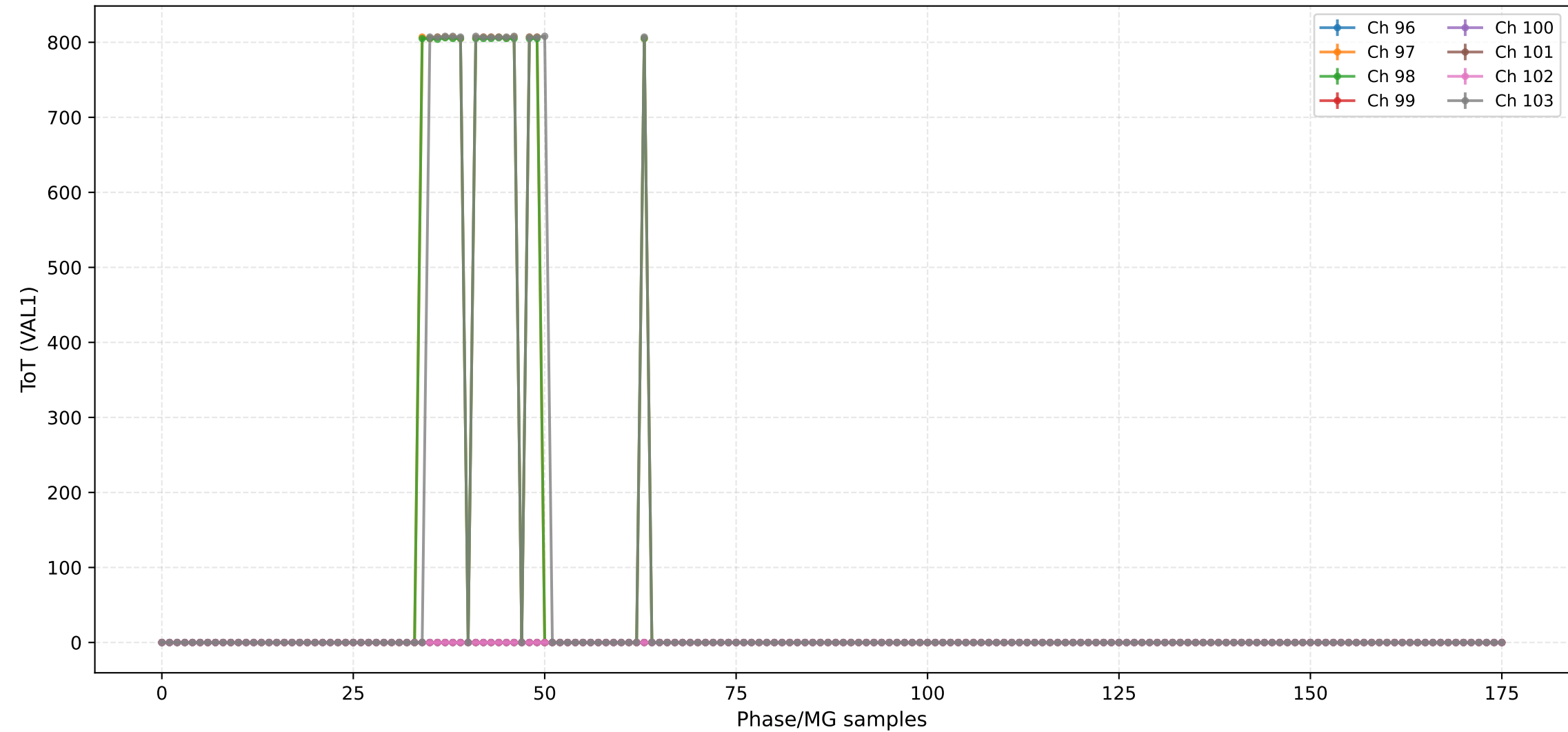
## ToT (VAL1) - Channels 80 to 87



## ToT (VAL1) - Channels 88 to 95

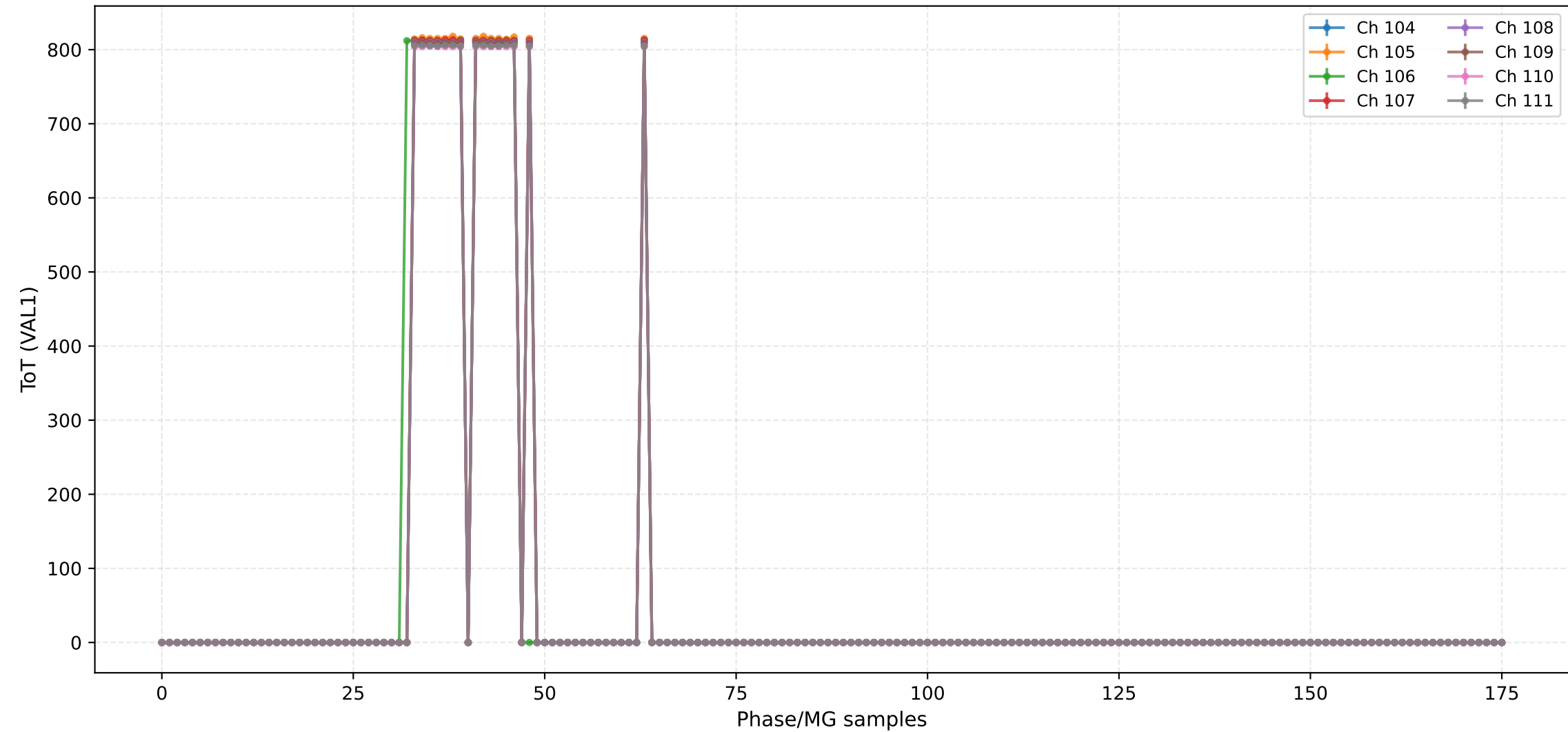


### ToT (VAL1) - Channels 96 to 103

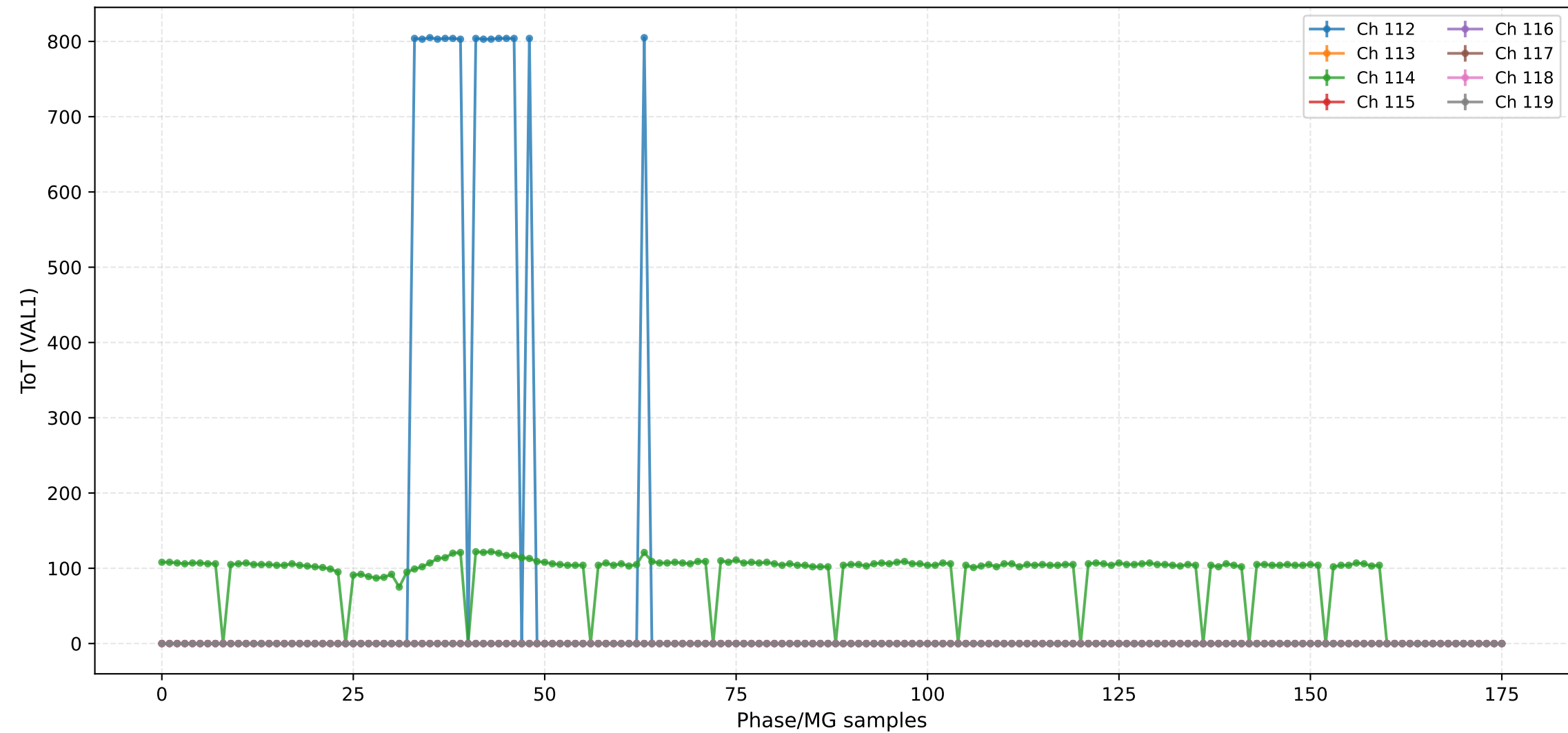




ToT (VAL1) - Channels 104 to 111



## ToT (VAL1) - Channels 112 to 119



ToT (VAL1) - Channels 120 to 127



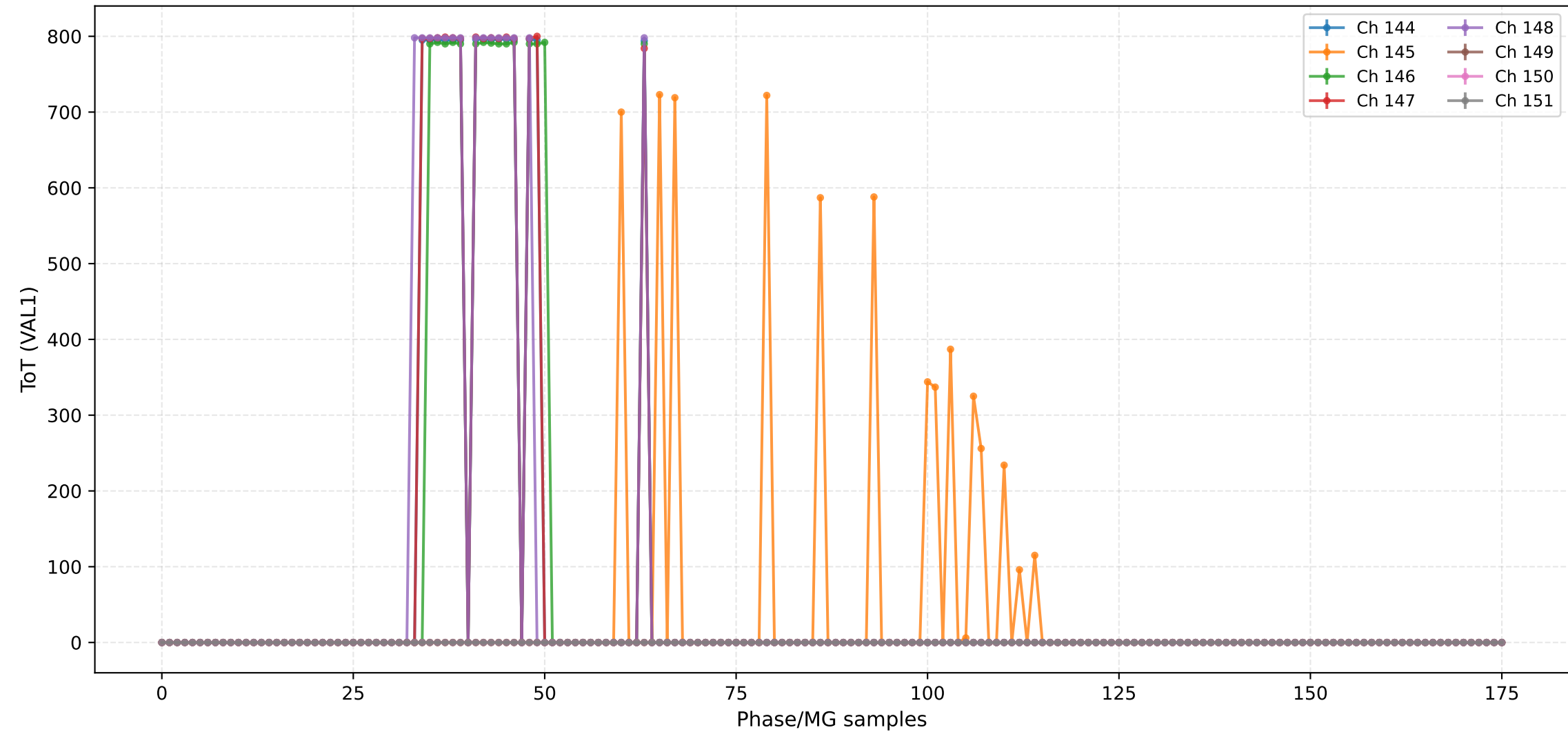
### ToT (VAL1) - Channels 128 to 135



## ToT (VAL1) - Channels 136 to 143

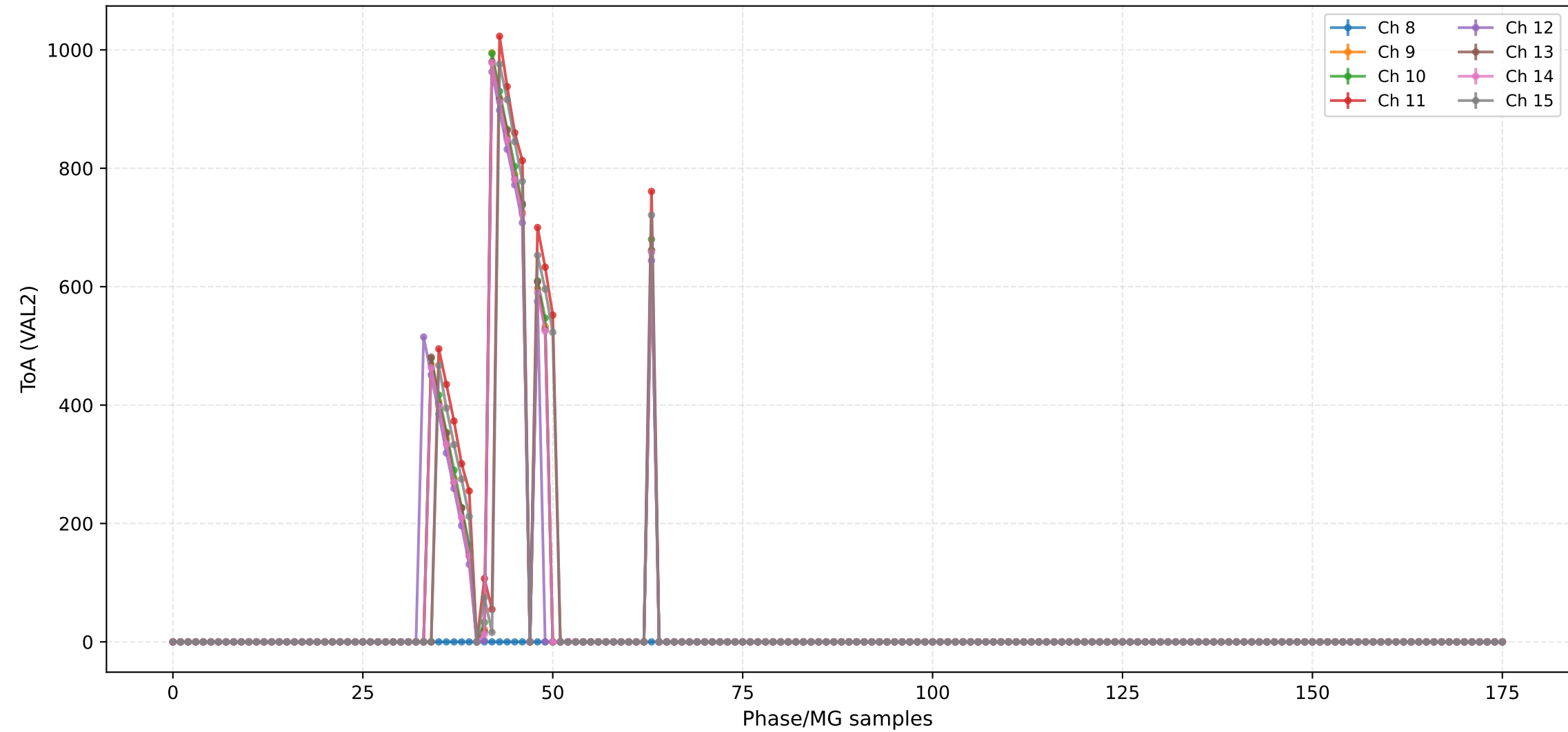


### ToT (VAL1) - Channels 144 to 151



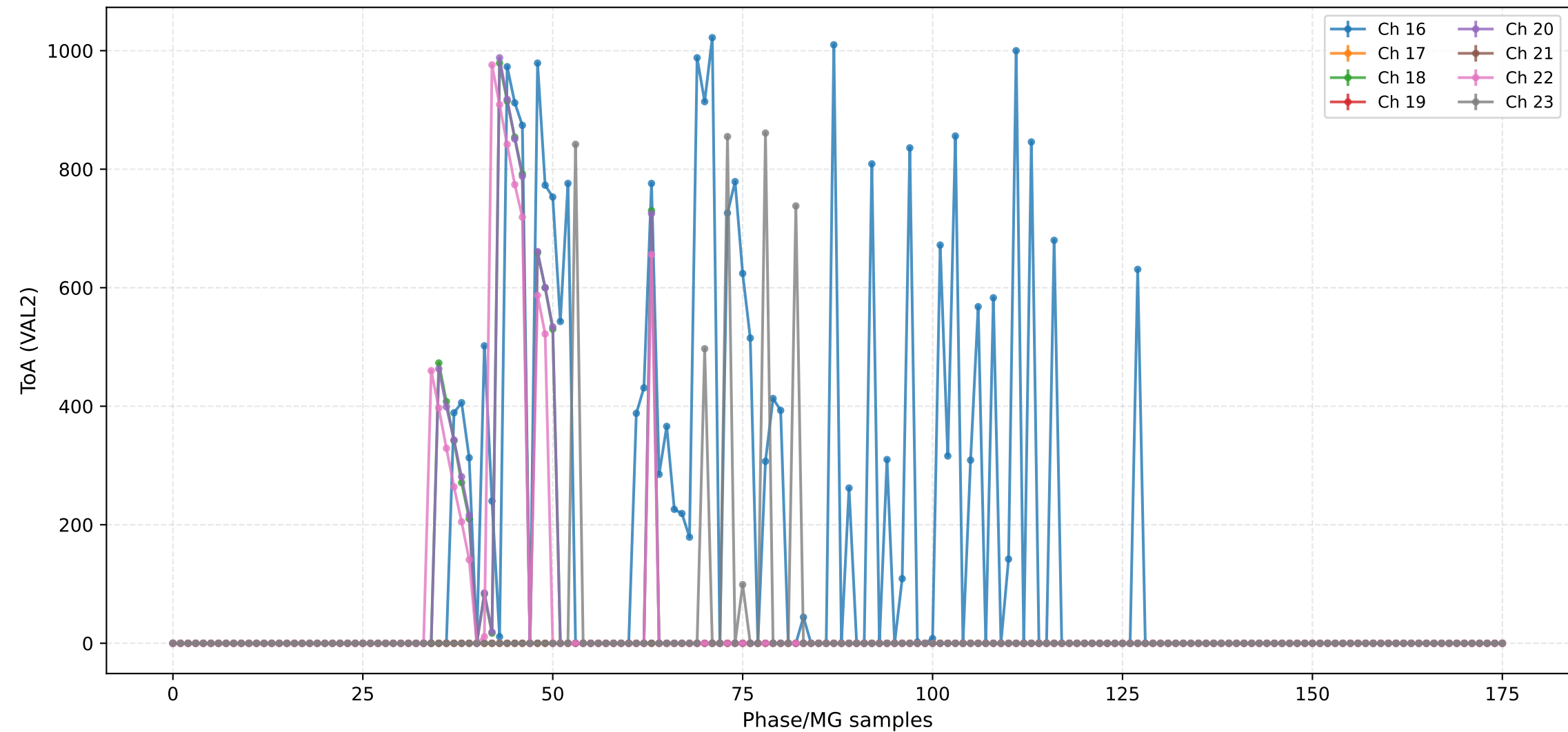


ToA (VAL2) - Channels 8 to 15

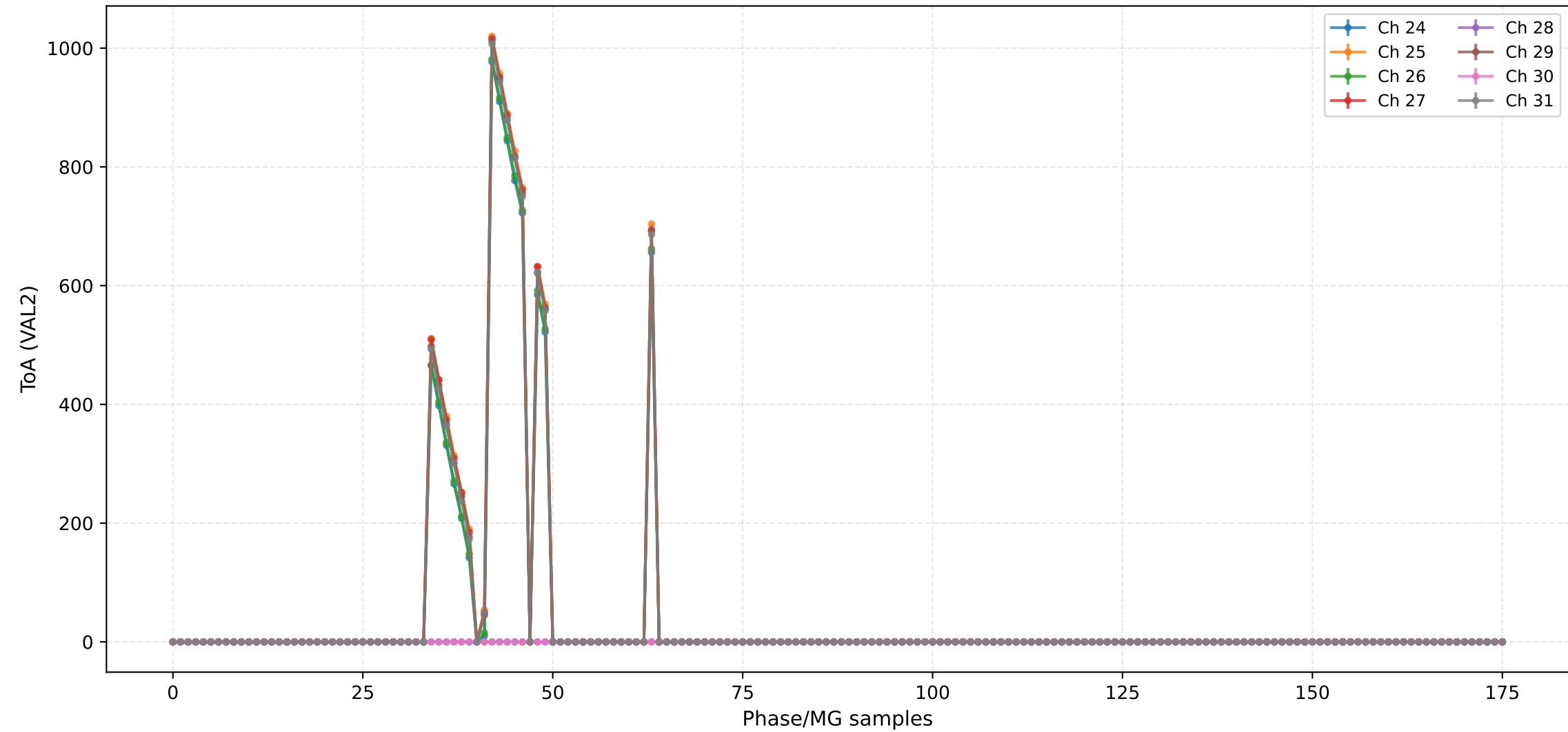




# ToA (VAL2) - Channels 16 to 23

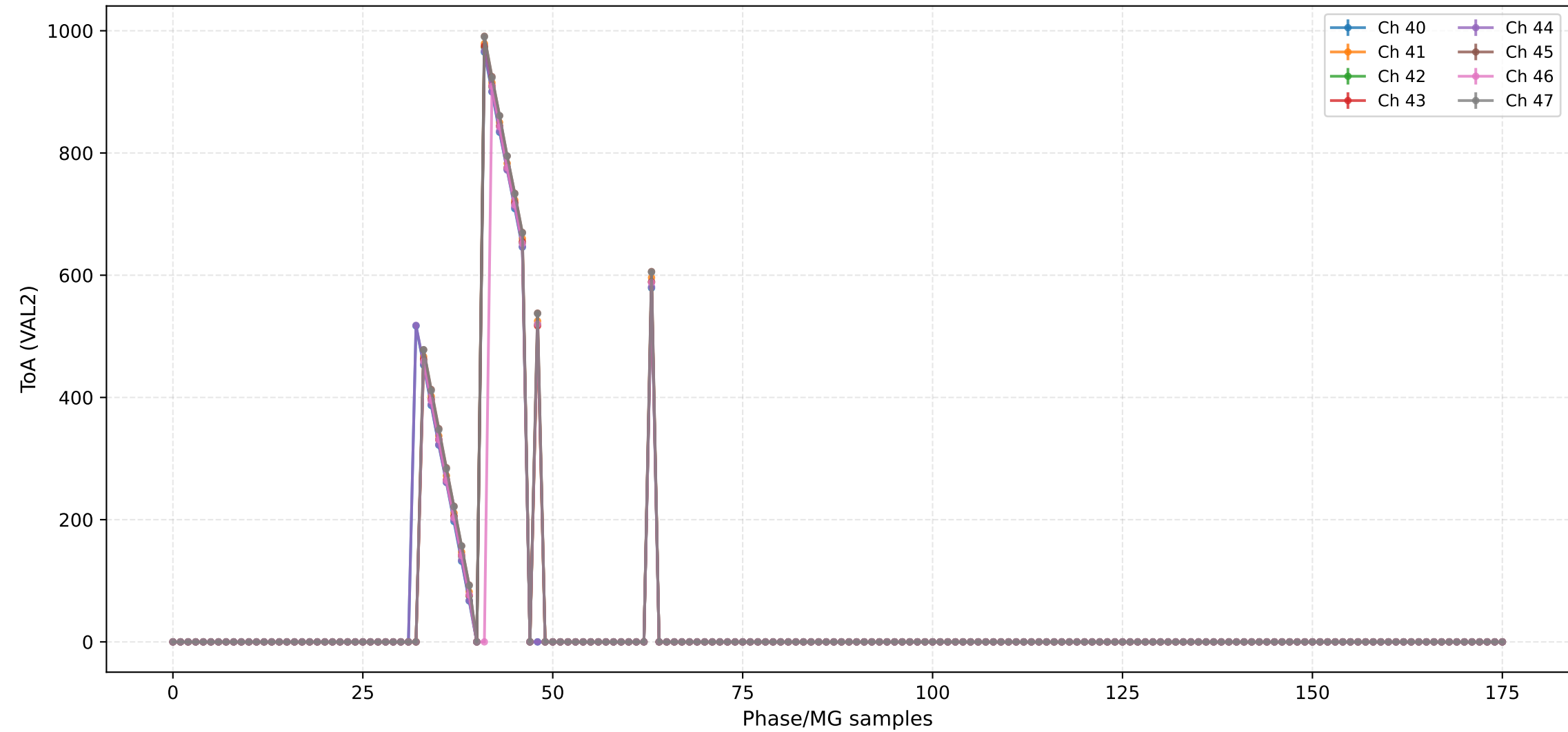


ToA (VAL2) - Channels 24 to 31

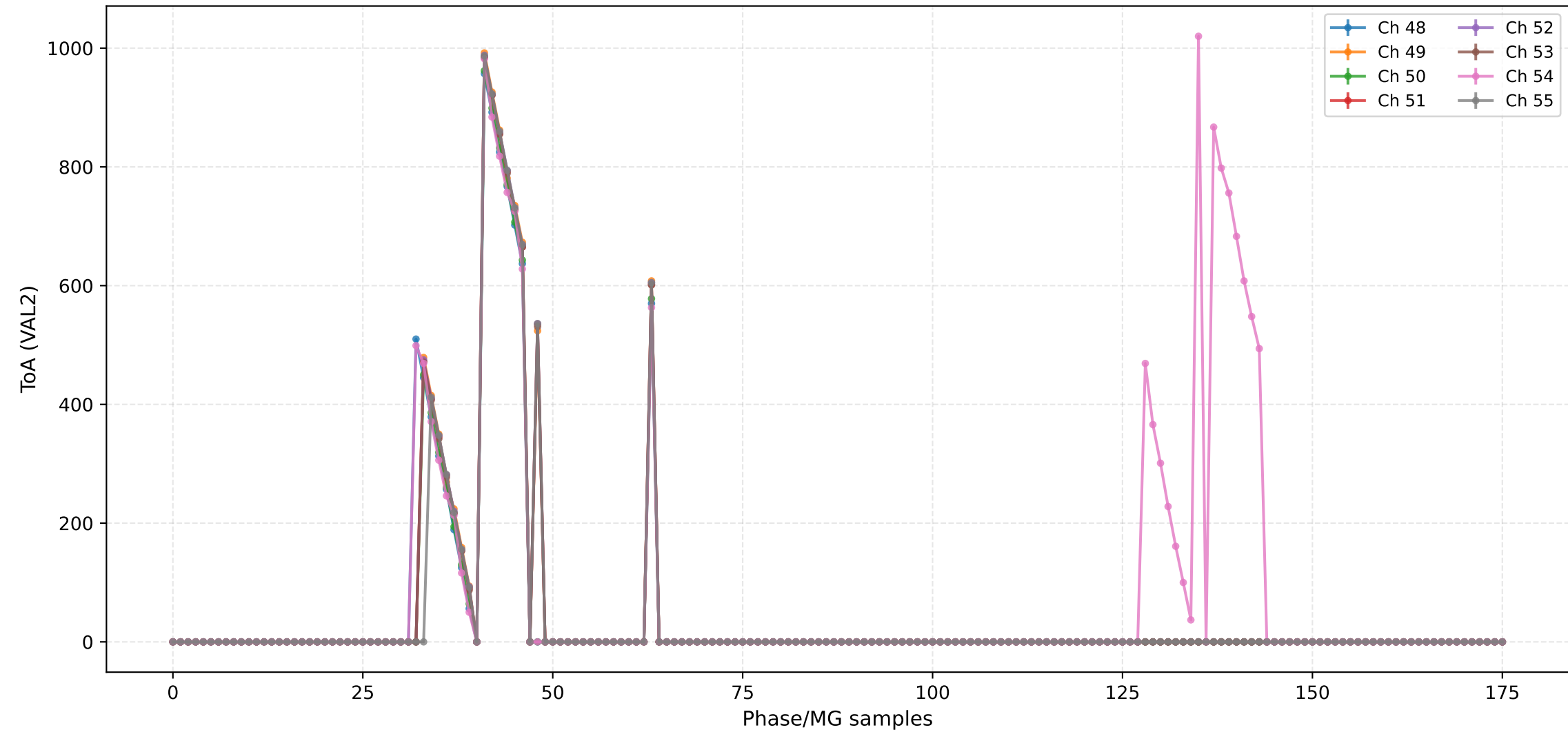




## ToA (VAL2) - Channels 40 to 47



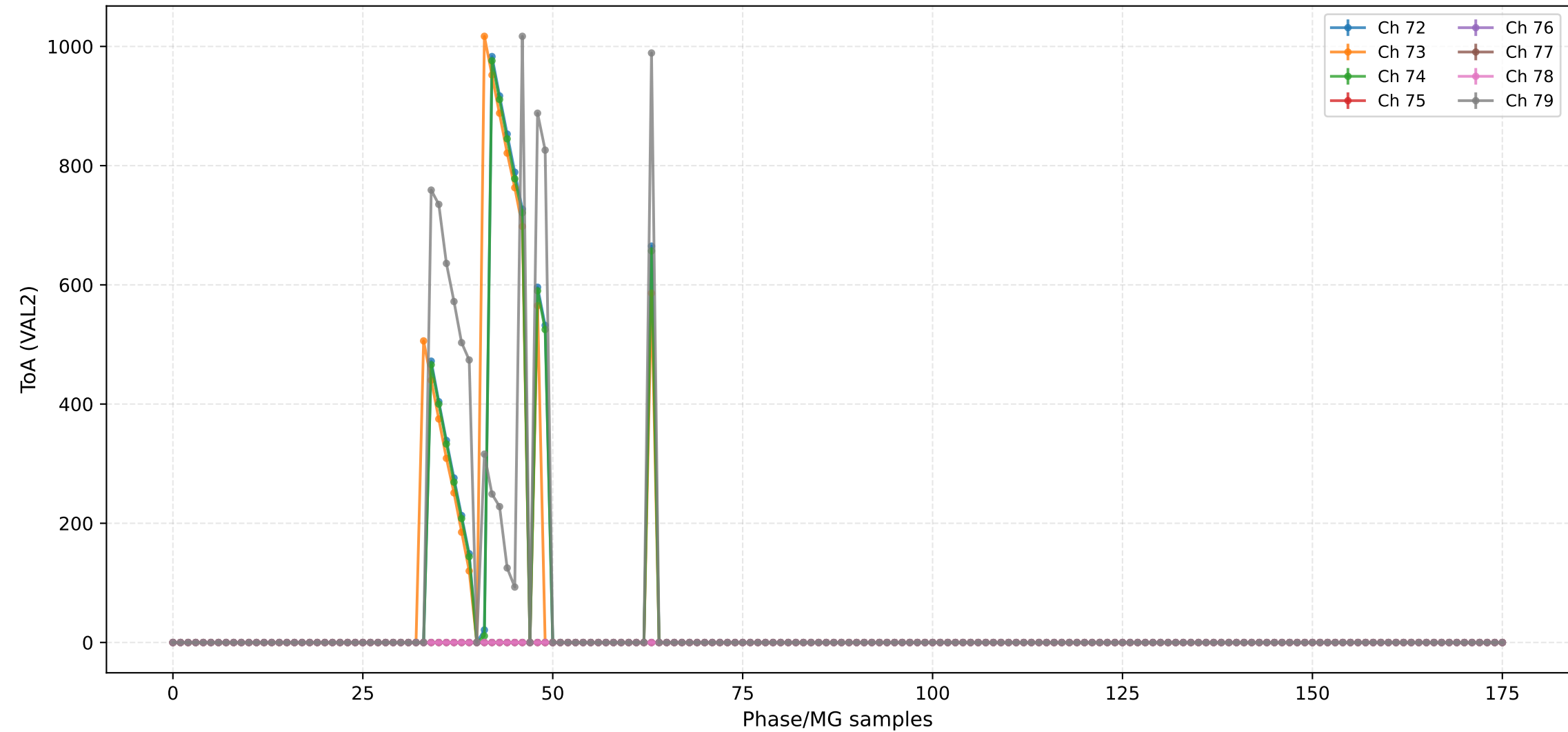
ToA (VAL2) - Channels 48 to 55





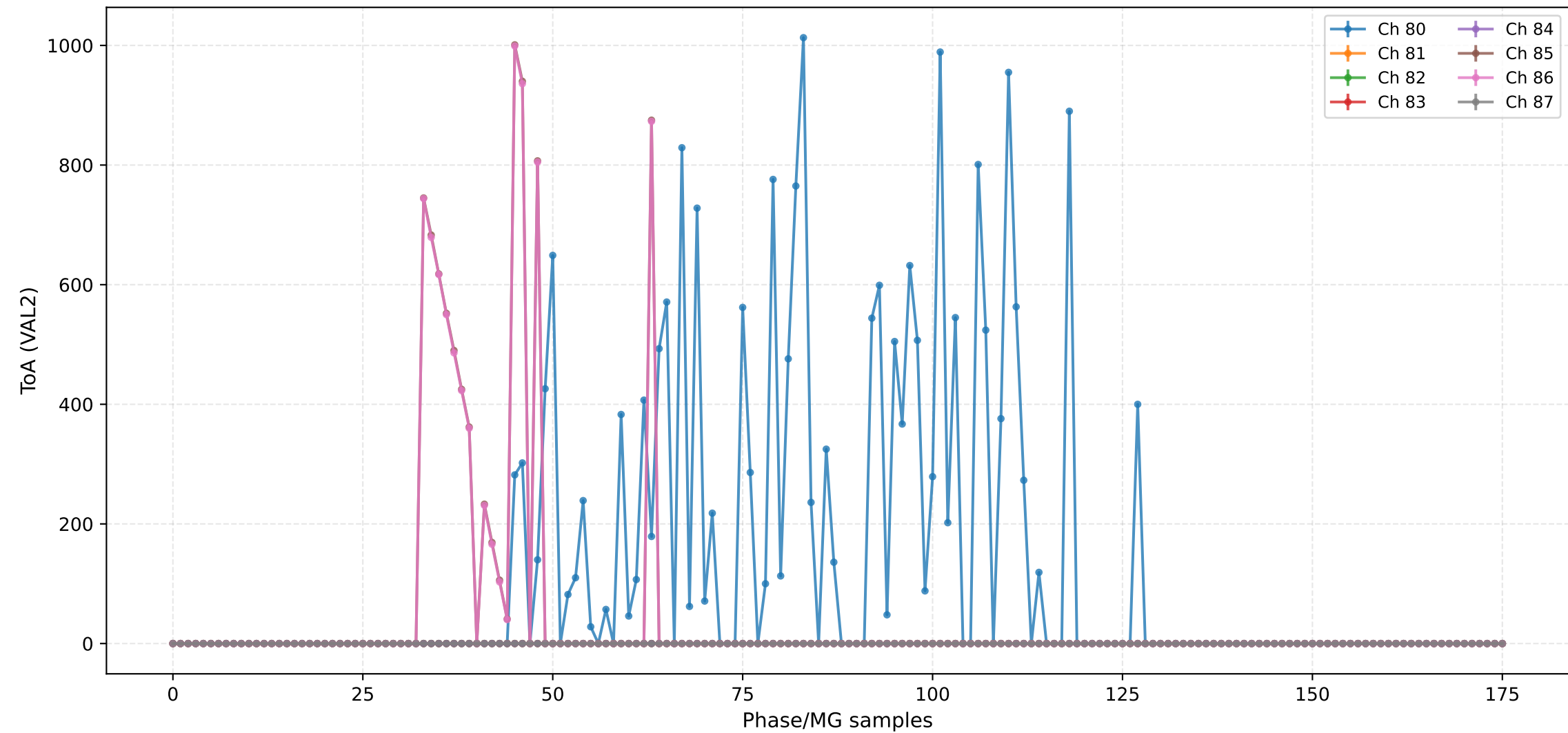


## ToA (VAL2) - Channels 72 to 79

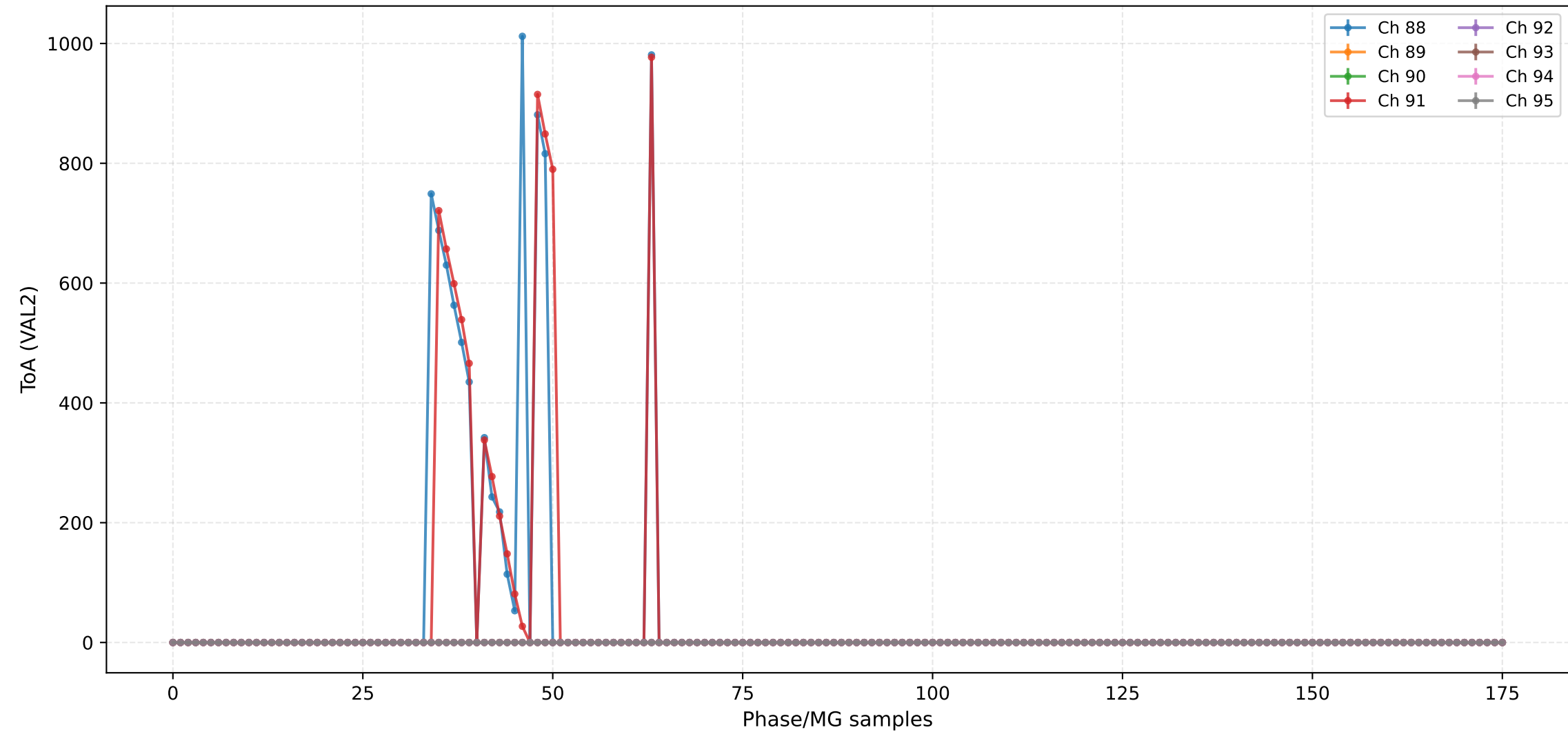




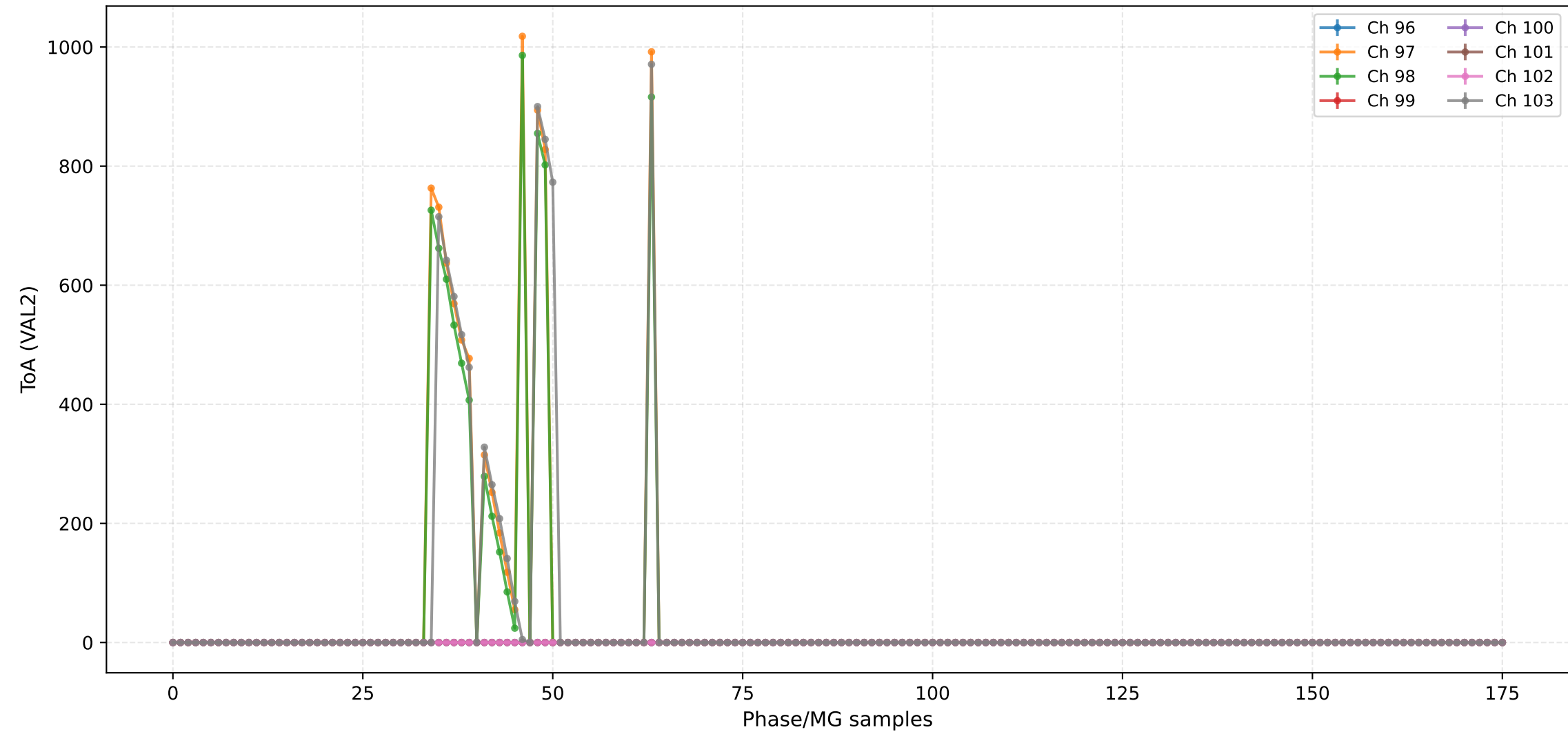
## ToA (VAL2) - Channels 80 to 87



ToA (VAL2) - Channels 88 to 95



## ToA (VAL2) - Channels 96 to 103







ToA (VAL2) - Channels 120 to 127



The figure displays a plot of the expectation value of the Pauli matrix  $\sigma_y$  over time for six channels. The x-axis is labeled 'Time' and ranges from 0 to 150. The y-axis is labeled ' $\langle \sigma_y \rangle$ ' and ranges from -1 to 1. A legend in the top right corner identifies the channels: Ch 128 (blue), Ch 129 (orange), Ch 130 (green), Ch 131 (red), Ch 128 (purple), and Ch 129 (brown). All six channels show a constant value of 0 for the entire duration of the simulation.

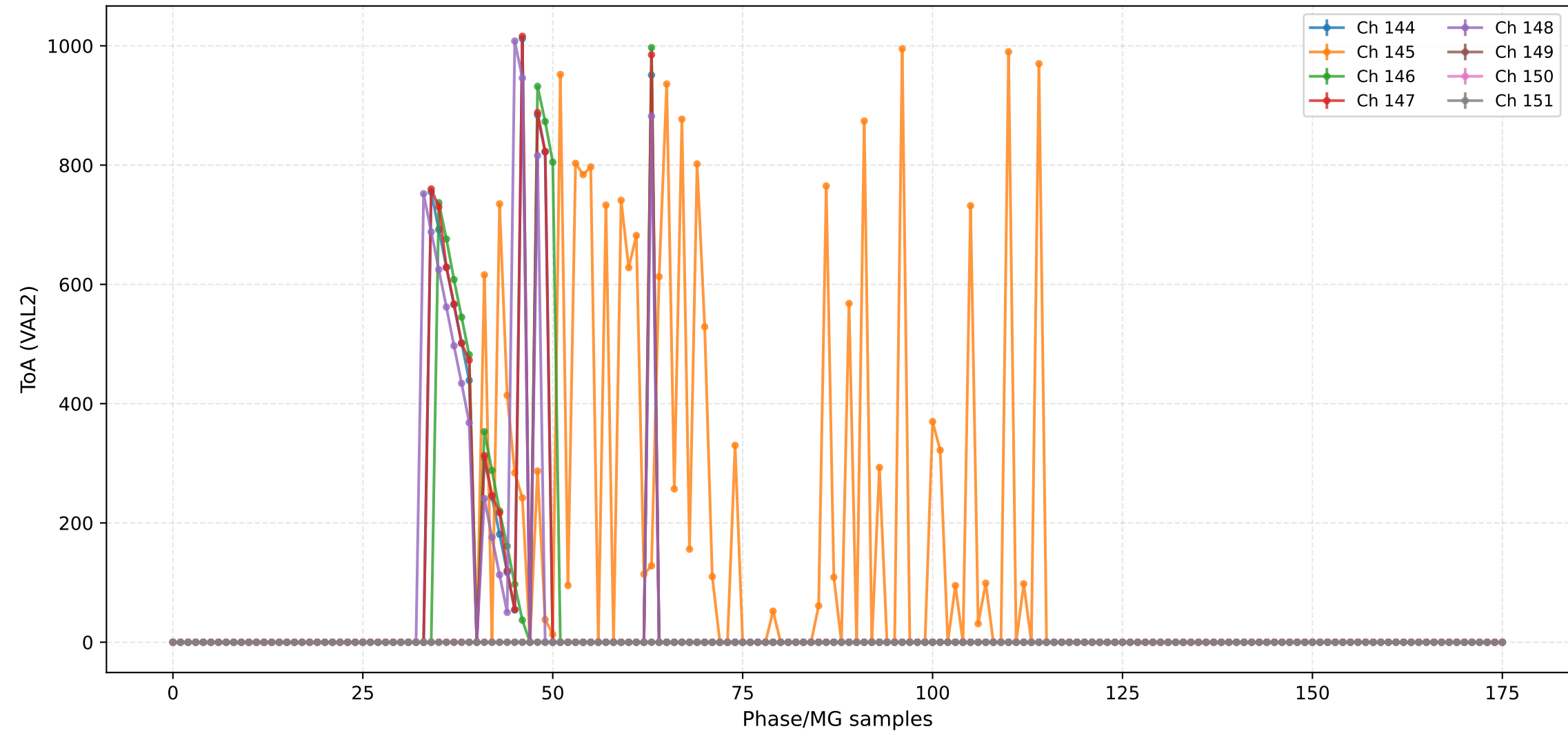


ToA (VAL2) - Channels 136 to 143





ToA (VAL2) - Channels 144 to 151



## Injection Scan Results

---

Script: 205\_Injection v1.0

Date: 2025-12-11 01:19:33

### Configuration:

- Total ASICs: 2
- Injection DAC: 2000
- Machine Gun: 10
- Scan Pack: 2
- Scan Channels: 76
- 2.5V Injection: True
- High Range Injection: False

### Analog Settings:

- RF: 0x-1
- CF: 0x-1
- CC: 0x-1
- CF Comp: 0x-1

### Output Files:

- 205\_Injection\_asic2\_injdac2000\_mg10\_pack2\_chn76\_val0.csv
- 205\_Injection\_asic2\_injdac2000\_mg10\_pack2\_chn76\_val1.csv
- 205\_Injection\_asic2\_injdac2000\_mg10\_pack2\_chn76\_val2.csv